

19980723.qrp v01_n161.qrs.980723

Date: Thu, 23 Jul 1998 19:29:59 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1161

QRP-L Digest 1161

Topics covered in this issue include:

- 1) [15822] Re: Once there was qrp?
by Ab7wy@aol.com
- 2) [15823] on the air!
by "K. Babcock" <casey@mufn.org>
- 3) [15824] Sierra no talk
by jim nestor <nestoji@home.com>
- 4) [15825] sw-40
by "K. Babcock" <casey@mufn.org>
- 5) [15826] Elmer101: Part 12, Mute and final audio amp
by Michael Maiorana <mikemo@ibm.net>
- 6) [15827] RE: ARRL license proposals
by "David Newkirk" <dpnewkirk@home.com>
- 7) [15828] Elecraft K2 in operation at the SRA club Field Day site.
by George Zafiropoulos <georgez@quickturn.com>
- 8) [15829] RE: Not QRP, but 50's and 60's
by cy r currier <crc3@telplus.net>
- 9) [15830] FS *Again*:SST-40
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 10) [15831] Elmer 101 - past messages
by "Craig B. Johnson" <johns516@maroon.tc.umn.edu>
- 11) [15832] W/R w8jk ant update
by jdenison@morelr.com (JOEL DENISON)
- 12) [15833] FS:SST-30
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 13) [15834] [Fwd: [CW] Newsline #1092]
by Jess Gypin <jessqrp@concentric.net>
- 14) [15835] Re: painting aluminum tubing
by Ed Tanton <n4xy@att.net>
- 15) [15836] Re: ARRL Proposed Restructuring Amateur License Structure
by Jack Parker <Pparker@greatbasin.net>
- 16) [15837] QRP at Ham Holiday?
by Gary Harrison <gharrison@getonthe.net>
- 17) [15838] ARRL/FCC: QRP Proposed Changes
by Paul Harden <pharden@aoc.nrao.edu>
- 18) [15839] Proposal for 2m FM "trail" and QRP frequency
by George Zafiropoulos <georgez@quickturn.com>
- 19) [15840] 38 Special Low Power

by Norm Melick <henmel@postoffice.worldnet.att.net>
20) [15841] Arrl
by "Duane" <duane@flinet.com>
21) [15842] tixie help
by K4NK@aol.com
22) [15843] Z-match tuner
by Dave Marling <dbm@klis.com>
23) [15844] Zombie Badge
by ac5ez@webtv.net (Larry B)
24) [15845] FLIGHT OF THE BUMBLEBEES
by QLF%mimi@magic.itg.ti.com
25) [15846] SOLAR PANELS
by QLF%mimi@magic.itg.ti.com
26) [15847] Re: Arrl
by Jack Parker <Pparker@greatbasin.net>
27) [15848] Re: Arrl
by "Vincent Ferme" <vferme@sprint.ca>
28) [15849] Elmer 101: Op-amp ? & group buy?
by Paul Helbert <phelbert@rica.net>
29) [15850] Re: ARRL/FCC: QRP Proposed Changes
by "G. M. TOLLIVER" <HAPENCE@erols.com>
30) [15851] Re: Arrl
by mwattcpa@earthlink.net (Marty Watt)
31) [15852] Re: ARRL/FCC: QRP Proposed Changes
by KC5TJA <kc5tja@topaz.axisinternet.com>
32) [15853]
by "Jim Hogarth" <jhogarth@nni.com>
33) [15854] WQ2RP/B Beacon Announcement
by Ken Newman <n2cq@citnet.com>
34) [15855] You just don't get it!
by Lee Bahr <w5drc@ix.netcom.com>
35) [15856] Re: Zombie Badge
by w2bj@juno.com
36) [15857] Elmer 200+
by Brad Mugleston <bmug@gwl.com>
37) [15858] Merrill Lynch and the K2.
by "Vincent Ferme" <vferme@sprint.ca>
38) [15859] Rules for The Flight of the Bumblebees
by "Russ Carpenter" <russ@natworld.com>
39) [15860] Simple Antenna Night!
by Ed Loranger <we6w@qsl.net>
40) [15861] Porposal?
by Walt Amos <waltk8cv@ameritech.net>
41) [15862] z1 special
by "Edward A Kwik jr" <eakwikjr@hti.com>
42) [15863] SG2020
by "Jeff M. Gold" <JGold@tntech.edu>
43) [15864] Re: Elmer 200+

by Roger Braker <msebrakr@telepath.com>

44) [15865] Mods for MFJ 90xx?
by "Robert Andrew Bell" <rbell@uniserve.com>

45) [15866] <<MFJ morse tutor>>
by Art Marshall <w1fji@vistech.net>

46) [15867] Re: Elmer101: Part 12, Mute and final audio amp
by Pierre Constantineau <pierre@cmpe.ubc.ca>

47) [15868] Pacific Trail Adventure
by Ed Loranger <we6w@qsl.net>

48) [15869] QRZ Biographies
by Ed Loranger <we6w@qsl.net>

49) [15870] Website posting of followups to 2m FM "trail" and QRP frequency
by George Zafiropoulos <georgez@quickturn.com>

50) [15871] RE: ARRL license proposals
by "Hulbert, Nick" <nick.hulbert@lmco.com>

51) [15872] Help on Matchbox (Not quite QRP)
by "Jim Johnson" <km7h@gte.net>

52) [15873] Re: ARRL/FCC: QRP Proposed Changes
by Monte Stark <ku7y@dri.edu>

53) [15874] Pirate CW
by Steven Weber <kd1jv@moose.ncia.net>

54) [15875] Smart Chargers for Trade -> Cheap!
by Ed Loranger <we6w@qsl.net>

55) [15876] Re: QRP Subject found here!
by "Harry WA3PTG " <hhurst@delaware.infi.net>

56) [15877] re: Camouflage painting of antennas
by QLF%mimi@magic.itg.ti.com

57) [15878] QSL Card Elmer
by Richard Brittingham <rbritt@visi.net>

58) [15879] More Chargers!
by Ed Loranger <we6w@qsl.net>

59) [15880] Re: ADEL Nibbler Tool
by "Jim Kortge, K8IQY" <jokortge@mci2000.com>

60) [15881] Fw: not all newbees are Evil, and you (each of you) were beginners once.
by "Mark A. Andrews" <KE4IOF@hiwaay.net>

61) [15882] Re: Smart Chargers for Trade -> Cheap!
by Ed Loranger <we6w@qsl.net>

62) [15883] RE: QSL Card Elmer
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>

63) [15884] re: ARRL proposal
by Bill Crowley <bcrow@carte.net>

64) [15885] Re: QSL Card Elmer
by Dave Sjolin <sjolin@swbell.net>

65) [15886] RE: not all newbees are Evil, and you (each of you) were beginners once.
by "Kevin Muenzler WB5RUE" <wb5rue@stic.net>

66) [15887] Re: Fw: not all newbees are Evil, and you (each of you) were beginners once.

by "Ed Hare, W1RFI" <ehare@arrl.org>

67) [15888] RE: ARRL proposal

by "Hulbert, Nick" <nick.hulbert@lmco.com>

68) [15889] RE: not all newbees are Evil

by "Paulette Quick, WB9VHF" <plquick@facstaff.wisc.edu>

69) [15890] Re:Smart Chargers.

by Ed Loranger <we6w@qsl.net>

70) [15891] I'm tired

by Bill Jones <kd7s@psnw.com>

71) [15892] Re: ARRL/FCC: QRP Proposed Changes

by Clay N4AOX <wyn@worldnet.att.net>

72) [15893] RE: I'm tired

by "Hulbert, Nick" <nick.hulbert@lmco.com>

73) [15894] RE: not all newbees are Evil

by KC5TJA <kc5tja@topaz.axisinternet.com>

74) [15895] RE: not all newbees are Evil

by "Hulbert, Nick" <nick.hulbert@lmco.com>

75) [15896] Please help ID diode

by mikemo@ibm.net

76) [15897] Re: I'm tired

by KC5TJA <kc5tja@topaz.axisinternet.com>

Date: Wed, 22 Jul 1998 19:31:55 EDT

From: Ab7wy@aol.com

To: qrp-l@Lehigh.EDU

Subject: [15822] Re: Once there was qrp?

Message-ID: <259559ad.35b6766c@aol.com>

Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7bit

i agree mike. i kinda blew my stack there. this is a qrp reflector and judging by what i read on the other reflectors (cw and dx), this one is the most friendly and helpful....the way ham radio SHOULD be. i posted here because some of the posts were off this reflector and this issue affects all of us. i went against my better judgement and joined the dooms day preaching. one gentleman said he was a ham for about 45+ years and he said changes have happened to ham radio for years, thats just the nature of the beast.

im not at all in favor of this whole thing, but its obvious that we dont have much of a say in it. all we can do is enjoy the radio now. i was pretty dis-illusioned after i read the proposal, for the first time in my 15 years as a ham, i was questioning things more critically, i didnt even want to turn the rig on. good thing i did, though, i was tuning 20 cw and ran across UE0ZZZ on a russian IOTA dx-pedition, i called him and he came right back to me and gave

me a 579...a real report, not just a generic "5NN TU"....the cool part was that i was using an indoor dipole and about 35 watts(sorry, not full qrp, but im making a point), it was then i realized it was still fun, and if they want to change things up on me...i dont have much of a say in it, so ill just enjoy it.

by the way, im a full ARRL member...and i never heard any thing about this and was never questioned about what i thought about it.....im sure ill still remain a member for qst and the qsl service (the best outgoing service going, i must admit)...but i see other forces at work here and im just another ham so im going back to what i enjoy best....being a ham with an outside life. its just a hobby and i should relax about it, i didnt mean to go off on the list, i just lost my cool.....guess im getting older.

anyway, friends, sorry to drag this out. i think well survive this, i'll also look at the arrl a little differently now too. this is a qrp list afterall...

thanks for listening

(reading)

Adam-AB7WY

Date: Wed, 22 Jul 1998 19:41:42
From: "K. Babcock" <casey@mufn.org>
To: qrp-1@Lehigh.EDU
Subject: [15823] on the air!
Message-ID: <3.0.5.16.19980722194142.1faf6616@mufn.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hey, gang!

My sw-40 is finally up & running with 1w out (NN1G suggests I try cranking the drive up a little.)

1st unscheduled qso was with a station in Syracuse, NY. Gave me a 529.

So please keep the ears open on 40m & listen for my peanut whistle

Tnx, 72
Kent babcock, N8WVD

Date: Wed, 22 Jul 1998 20:53:26 -0400
From: jim nestor <nestoji@home.com>
To: qrp-1@Lehigh.EDU
Subject: [15824] Sierra no talk
Message-ID: <19980723005355.AAA22429@cc652944-a.ewndsr1.nj.home.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

my shiny new Sierra ate its first dose of volts tonight. Finished the main board and 30m band module bout supertime.

Passed the 30ma current test, so I started the tuneup process.

VFO tuned up right on 2.xxx Mhz as required.

Rest of receiver circuits tweaked just fine.

Connected a piece of wire and heard WWV and a few CW signals.

Switched to the transmit tuneup and drew a blank. No power out... nada...zip.

Used an old scope to oke around and not getting anything out of the driver or the PA, so my guess is the problem is somewhere in the osc/mixer stages.

Did I mention that I don't really know much about this stuff?

I can get a nice scope pattern from the VFO and the 18mhz rock on the band module but not much downstream from there.

Am now studying the schematics and wondering where to look first/next. Any suggestions would be appreciated.

Guess the next step will be to check the voltages on the devices in the PMO chain into the xmit section. My expectation is that beyond a certain point, the xmit and receive mixers are different, otherwise thereciever would be dead also.

Stay tuned to this station for late breaking news (or not).

72,

Jim, WK8G/2
nestoji@home.com

Date: Wed, 22 Jul 1998 20:51:39

From: "K. Babcock" <casey@mufn.org>
To: qrp-1@Lehigh.EDU
Subject: [15825] sw-40
Message-ID: <3.0.5.16.19980722205139.08b70e40@mufn.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

In my last post I don't believe I gave adequate thanks & credit to Dave, NN1G for his patience and all his help in getting my sw-40 on the air. Bear in mind that this rig has been superceded. Nevertheless, Dave did everything he said he would do, and his customer support is first-rate.

No pecuniary interest in Small Wonder Labs, just one very satisfied customer
Kent babcock, N8WVD

Date: Wed, 22 Jul 1998 20:58:56 -0400
From: Michael Maiorana <mikemo@ibm.net>
To: qrp1 <qrp-1@Lehigh.EDU>
Subject: [15826] Elmer101: Part 12, Mute and final audio amp
Message-ID: <35B68AD0.AD7B84B6@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ok folks, let's make this thing hear!

We are going to complete the last section of the receiver that consists of the mute circuit and the final audio amp/bandpass filter.

During key down we want to reduce the signal to the final audio amp. Remember that a portion of our transmit signal is fed into the receiver to give us a side tone. We want to reduce the level to a comfortable listening level. On key down Q1 acts like an open circuit, so the only audio getting through is that through R9. This is why if you reduce the value of R9 that the side tone gets louder.

The second part of the circuit that consists of the other half of U4 is an amplifier / bandpass filter. It has approximately 30db of gain and a center frequency near 800Hz. It also provides the power to directly drive headphones without needing an additional audio power amp. Those LM386s are noisy ;-)

The parts gathering should be getting easier as the contents of the parts bags dwindle ;-)

R6	10 ohms
R8	1 meg
R9	4.7 meg
R10	22 k
R11	510 k
R12	1 meg
R13	1 meg
R14	10 ohms
D5	1n4148
Q1	mpf102
C24	.1 micro farad
C25	820 pf
C26	.0022 micro farad
C27	47 micro farad
C106	47 micro farad
C107	.1 micro farad

Install the above components. Be aware of the polarity of C27, C106 and Q1.

Connect a set of low impedance headphones or a small speaker (good headphones are MUCH better) to J3 pins 1 and 2. Connect a temporary antenna to the side of C40 that does not connect to the 4 diodes D7-D10. The antenna should be long enough to pick up a strong signal, maybe 10 or more feet. Remember that we don't have the RF gain connected yet, so watch out for strong signals. This receiver is VERY sensitive ;-) When signals are too high remember that they are clipped in the first audio stage by D3 and D4, so it shouldn't blow your ears out.

Try this in the evening when 40 meters is usually very active. Power up the rig. You should hear some hiss from the headphones. Tune around and listen for some CW signals.

Cool, It hears!

Glen Leinweber has done an outstanding circuit description of the audio sections. It is a detailed analysis of both the first and second stage audio circuits. Find it at:

<http://epic.mcmaster.ca/~elmer101/audiout.html>

For details on the transmit / receive switching, which includes the mute Q1, look here:

<http://epic.mcmaster.ca/~elmer101/qskskwave.html>

Glen has done some excellent work here. Please read through it and be prepared, bring your thinking cap ;-)

Also, Glen has done an analysis of the crystal filter portion that has up till this point totally confused me. Please read:
<http://epic.mcmaster.ca/~elmer101/cohn.html>

A plethora of information. I'm going to go make some coffee and read the rest of the cohn filter analysis.

We are really close to being done, folks. All we have left is the power amp and output filter. Glen has already finished the analysis on these portions so I'll give you folks a few days to do section 12 then we will finish this baby up and get it on the air!! I can't wait!

In case anyone lost it (like I did) the url for Glens site is:
<http://epic.mcmaster.ca/~elmer101/>

--

72 de ku4qo
Mike Maiorana
Palm Harbor, FL

"And if I have prophetic powers, and understand all mysteries
and all knowledge, and if I have all faith, so as to remove
mountains, but have not love, I am nothing"

Date: Wed, 22 Jul 1998 21:04:03 -0400
From: "David Newkirk" <dpnewkirk@home.com>
To: <nick.hulbert@lmco.com>
Cc: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [15827] RE: ARRL license proposals
Message-ID: <000101bdb5d5\$c8c11340\$33940318@cc632587-a.vron1.nj.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Nick Hulbert wrote:

[much deleted]

> CW is what has made this hobby unique

I fully disagree. CW is still used in a number of other radio services, albeit shrinkingly. A number of things, listed below in no particular order, make amateur radio unique (at least here in the states; I'm sure there are exceptions worldwide):

- * ham equipment need not be type accepted
- * ham equipment may be "home" built
- * ham bands are not channelized
- * ham stations are not assigned specific, spot frequencies
- * ham stations need not keep specific operating hours
- * ham stations are not assigned specific powers or antenna patterns
- * ham stations may operate, within the limits of operating privileges, on any frequency in the amateur radio frequency allocations
- * stations need not be engineered to provide a particular type or quality of service between particular points for particular purposes

And of course amateur radio operators cannot receive direct or indirect compensation for operating their stations -- but that's right out of the regulations.

CW -- Morse or Continental sent by on-off keying -- is just one of many possible emissions an amateur transmitter can transmit. It's a *speciality* mode, like all other amateur radio emissions. It's also my favorite mode, and for the record I come from a family tradition of "CW hounds": my dad, W9BRD/VA3ZBB, transcribed code at WAR during WWII and was certified at 55 WPM; my late uncle, W9VES, was certified at close to 60 WPM; my stepmom, VE3ZBB, operates just about 100% Morse; and I'm certified at 30 and can understand 45 to 50 WPM (but don't find the necessary concentration for such speeds particularly relaxing). Licensed since 1969, I get a real kick out of vacuum tubes, boatanchors and QRP, and have set of QSTs solid back to 1923 and Radio magazine from 1936 through 1941. To me, the essence of ham radio is summed up perfectly in John P. Flippin's April 1935 QST masterpiece, "Jim." And *of course* I think US amateur radio needs to get itself a code-free HF license -- *not* an *exam*-free HF license, I stress -- as soon as possible.

The ARRL proposal is a good first draft of the legislation necessary to achieve a long-overdue, necessarily ongoing, housecleaning of anachronisms. I can support it because it would not harm my amateur radio interests *one bit* if enacted as is. Further, I *will* support it because I know that amateur radio wouldn't survive long in the international arena if any significant subset of the pool of licensed amateurs used only the amateur radio privileges, and espoused only the amateur radio interests, that I do.

73,

David Newkirk, W9VES
dpnewkirk@home.com

Date: Wed, 22 Jul 1998 18:15:40 -0700
From: George Zafiropoulos <georgez@quickturn.com>
To: qrp-1@Lehigh.EDU
Subject: [15828] Elecraft K2 in operation at the SRA club Field Day site.
Message-ID: <3.0.5.32.19980722181540.00831560@mailhost.quickturn.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

As luck would have it, Wayne and Eric from Elecraft set up their FD site just 1/2 mile from our club's Field Day site. You can see the K2 in action at <http://www.qsl.net/sra> then click on the Field Day pictures link.

'72 es '73 de George KJ6VU

Date: Thu, 23 Jul 1998 09:22:19 -0400
From: cy r currier <crc3@telplus.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>,
"MelEvansGM6JAG@compuserve.com" <MelEvansGM6JAG@compuserve.com>
Subject: [15829] RE: Not QRP, but 50's and 60's
Message-ID: <01BDB61C.CD2F2380@bgr178.lobster.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

yup. i may still have the copy of jeanie's teeny. the fellow named it =
for his daughter. it was a classic. i remember the degrees. some were =
\$10 and pure bogus. some required correspondence and the one year =
residence. i do not recall the 2 eng 4wd truck but then, i'm not a =
grey. cy - k1tes=20

From: Mel Evans
Sent: Wednesday, July 22, 1998 5:21 PM
To: Low Power Amateur Radio Discussion
Subject: Not QRP, but 50's and 60's

Hi Silverbacks,

Any greys out there remember I think it was "Popular (or Practical)
Mecanix"?

The subject came up in discussion at work when I mentioned it was =
possible

to get mail order high school passes and even University degrees in the small ads of this magazine, for the appropriate dollars of course. This = was

not believed by the coffee set. Can someone confirm my fading = recollection?

And does this still go on? can you send for a fancy degree by mail, presumably nowadays VISA and MC accepted!

I always remember one issue had a design for a build it yourself four = wheel

drive all terrain truck which had two engines in sync driving out to two transaxles, one at each end, and the chassis in the middle was a slide = fit

11 inch outside diameter steel pipe which fitted into an 11 inch inside diameter steel pipe. The inner pipe had a huge nut and bolt that fitted into a slot cut in the outer, (looked like Frankenstein's monster) and = this

allowed the front transaxle to be at an angle of about 38 degrees in relation to the rear transaxle, and still drive OK!

It was some magazine, I remember a design for a light aircraft using a = VW

aircooled Beetle engine, "small enough to store in your garage", and a sectional sailboat made from five-ply timber.

Regards

Mel

GM6Jag

Date: Wed, 22 Jul 1998 21:39:28 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: //QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "+Doc W.D. Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [15830] FS *Again*:SST-40
Message-ID: <199807222141_MC2-53EF-E374@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

The original purchaser backed out...so the SST-40 is now again For Sale. Several guys wrote during the day, and I responded to everyone. But all those files are in my office computer :-(.

Rig covers 7.034.5 - 7.041.3. Output (measured today) = 1.7 watts. Complete with manual. Only \$88.00 including shipping to CONUS.

If you are among those interested....please let me know. Thanks in advance.

72/73,

--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
MWBC
519-16th Street SE
Rochester, MN 55904
507/289-5108 (eves)

Date: Wed, 22 Jul 1998 20:44:55 -0500
From: "Craig B. Johnson" <johns516@maroon.tc.umn.edu>
To: <qrp-1@Lehigh.EDU>
Subject: [15831] Elmer 101 - past messages
Message-ID: <002501bdb5db\$a1b682c0\$cbc55ea0@pentium>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>Date: Tue, 21 Jul 1998 19:56:59 -0400
>From: "C. Lamar Derk" <n3at@epix.net>
>To: Low power Amateur Radio Discussions <qrp-1@Lehigh.EDU>
>Subject: [15713] Elmer 101 info
>Message-ID: <35B52ACB.5BA1@epix.net>
>MIME-Version: 1.0
>Content-Type: text/plain; charset=us-ascii
>Content-Transfer-Encoding: 7bit

>My e-mail got into some problems, and I have lost all of the Elmer 101
>messages that have been on this reflector. I wonder if some kind soul
>out there may have all, or most, of them, and would be willing to make
>them available again. Would I be able to beg, borrow, buy, or steal
>copies of same?

>72 de Lamar

Lamar, and others,

I have collected about 65 messages regarding the Elmer 101 project. I will send them to anyone who requests them.

- Craig, AA0ZZ

Date: Wed, 22 Jul 1998 20:54:17 -0500 (CDT)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-1@Lehigh.EDU
Subject: [15832] W/R w8jk ant update
Message-ID: <199807230154.UAA14289@ns1.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang

just a wee update on the new ant here... I loaded the w8jk (cut for twenty mtrs) on 17 and worked a number of stations with 55 to 58 reports (ssb) The little sucker even loaded on 15mtrs... I'll have to listen on 15 and see what it will do there...

It does great on twenty and forty... it's intended bands... and seems to load fine on thirty, however I haven't tried to make a contact on thirty...

guess it's about time to rig an antenna in the canoe or kayak and see if the old ticker can handle some mm in the heat up heah... :-)

I can use double sided tape to hold the bug... or iambic or straight key where I can have it handy... and I can get me a 17ft fiberglass pole at a local mart or somewhere nearby...

Oh, had a BEE chase me around the shack when I was working on 17mtrs... :-) finally saw a can of spray cleaner and downed the little critter before he could sting me... gunned him down... spray cleaned to death... left the world squeaky clean, he did...

bye now
joel wa5cvm in maine, buzzing around

God Bless
Joel

WA5CVM

Joel Denison Gentle Lady (RC Sail Plane)(049 engine - start)
PO BOX 542 DIPOLE on 40mtr
Strong, Maine 04983 QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765
jdenison@morelr.com Use strong nets guys, the crawfish are big over here

Date: Wed, 22 Jul 1998 22:09:42 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: //QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "+Doc W.D. Lindsey/K0EVZ"
<70511.3041@compuserve.com>
Subject: [15833] FS:SST-30
Message-ID: <199807222213_MC2-53EF-E502@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

Have For Sale a fully assembled and working perfectly SST for 30 Metres.
Frequency range 10.108.8 - 10.118.8. Output = 1.9 watts. This little rig
has QSOed Andy F3NB near Toulouse, FRANCE, in addition to regular
Stateside QSO's. Rig is in excellent condition, and unmodified.

Cost = \$88.00 including shipping and manual to CONUS.

72/73,

--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
MWBC
519-16th Street SE
Rochester, MN 55904
507/289-5108 (eves)

Date: Wed, 22 Jul 1998 20:46:55 -0600
From: Jess Gypin <jessqrp@concentric.net>
To: qrp-l@Lehigh.EDU
Subject: [15834] [Fwd: [CW] Newsline #1092]
Message-ID: <35B6A41F.223CE024@concentric.net>
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="-----E3D36E142F18C0CFD3194776"

This is a multi-part message in MIME format.

-----E3D36E142F18C0CFD3194776

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

More fuel

--

Jess NOTFI <><

<http://www.concentric.net/~jessqrp> Personal Home page

<http://qsl.net/n0tfi/bug.html> Bug Stories

-----E3D36E142F18C0CFD3194776

Content-Type: message/rfc822

Content-Transfer-Encoding: 7bit

Content-Disposition: inline

Return-Path: <owner-cw@ns3.qth.net>

Received: from ns3.qth.net (NS3.QTH.net [209.60.242.87])

by morse.concentric.net (8.8.8/(98/04/23 5.16))

id WAA28525; Wed, 22 Jul 1998 22:26:42 -0400 (EDT)

[1-800-745-2747 The Concentric Network]

Errors-To: <owner-cw@ns3.qth.net>

Received: (from majordom@localhost)

by ns3.qth.net (8.8.7/8.8.7) id WAA13419

for cw-outgoing; Wed, 22 Jul 1998 22:30:09 -0400

X-Authentication-Warning: ns3.qth.net: majordom set sender to owner-cw@qth.net using -f

Received: from x15.boston.juno.com (x15.boston.juno.com [205.231.100.28])

by ns3.qth.net (8.8.7/8.8.7) with ESMTP id WAA13415

for <cw@qth.net>; Wed, 22 Jul 1998 22:30:07 -0400

Received: (from w0tlo@juno.com)

by x15.boston.juno.com (queueemail) id DJTCLWCH; Wed, 22 Jul 1998 22:20:20 EDT

To: cw@qth.net

Date: Wed, 22 Jul 1998 21:19:22 -0500

Subject: [CW] Newsline #1092

Message-ID: <19980722.211935.16854.0.w0tlo@juno.com>

X-Mailer: Juno 1.38

X-Juno-Line-Breaks: 0-24

From: w0tlo@juno.com (john t mudd)

Sender: owner-cw@qth.net

Precedence: bulk

- - - - - >>> the CW reflector <<< - - - - -

While we are beating the ARRL to death, check this out!

FCC: Changes coming to Ham Radio

The FCC is indicating that some major changes are about to come to Ham Radio, but for the moment its not saying what these changes might be. The Commission is known to be preparing an internally generated Notice of Proposed Rule Making that will be issued under the congressionally mandated "fast-track" initiative. This means there will be very little time given to notify the public and even less time to respond.

Gordon West, WB6NOA attended a recent meeting of the nations VEC's in Gettysburg, PA. At that meeting, the FCC cautioned that it will only be looking for positive comments under fast-track.

.....snip

Now what's up???????????????

73 de W0TLO/AE (earned the old way)
John

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

< >
< * * * * * THE CW REFLECTOR * * * * * >
__Subscribe To: Majordomo@qth.net with Body: subscribe cw
__Unsubscribe To: Majordomo@qth.net with Body: unsubscribe cw
__To post, send to cw@qth.net please, CW issues only
__For digest version, Subscribe to cw-digest through majordomo@qth.net
__For archives of postings, see web page <http://www.qth.net/cw-digest.archive>
__To contact list owner, email to owner-cw@qth.net

-----E3D36E142F18C0CFD3194776--

Date: Wed, 22 Jul 1998 23:15:21 -0400
From: Ed Tanton <n4xy@att.net>

Message-ID: <3.0.1.32.19980722201628.00697b78@mail.greatbasin.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:52 PM 7/21/98 -0500, you wrote:

<snip>

The ARRL has decided the future
>and the FCC will merely rubber-stamp it after rearranging a few
>paragraphs and commas. Not bitter, just realistic. Who else represents
>amateur radio to the FCC other than ARRL?
>
>72/73, George
>Amateur Radio W5YR, 52 years and counting!

Nonsense, George....and, in any event, if you feel that the League is not
representing you properly, then *participate* in the ARRL, run for League
offices and make your opinions known!

Then, again, you might join W2NSD's Institute of Amateur Radio!

73,

Jack, W7PW
ARRL Life Member, Extra Class and First (General) Class Radiotelephone licensee
"...the time is fast approaching when freedom, public peace, and social
order itself will not be able to exist without education."

Alexis de Tocqueville--Democracy in America (1834)

Date: Wed, 22 Jul 1998 22:27:11 -0500
From: Gary Harrison <gharrison@getonthe.net>
To: qrp-1@Lehigh.EDU
Subject: [15837] QRP at Ham Holiday?
Message-ID: <3.0.32.19980722222624.00685b00@pop.getonthe.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I am interested in what may be happening in QRP at Ham Holiday this
weekend? I plan on being there.

73,
Gary Harrison, K0BC
QCWA Vice President
see our website at: <http://www.teleport.com/~qcwa/>
Ask me about our Scholarship Fund!

Date: Wed, 22 Jul 1998 23:51:46 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-1@Lehigh.EDU
Subject: [15838] ARRL/FCC: QRP Proposed Changes
Message-ID: <Pine.SOL.3.91.980722231243.599B-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'm not trying to start a flame war or extended discussion, but I do think it's time someone describes the REAL WORLD.

ARRL and FCC ... pay attention!

QRPers, and others who love CW, will operate CW no matter what. We enjoy it ... we see the "romance" of it. You can take it away as a license requirement - so what. We'll continue to use CW. You can take away our spectrum, and we'll find places to operate. Heck, you can outlaw ham radio altogether, and we'll figure out how to do CW. CW ops, particularly QRPers, cause maybe 1% of the problems you have with hams. We're the good guys.

Say the ARRL and FCC screw things up so bad, that it becomes virtually impossible to operate CW on the HF bands.

NOW WHAT? EASY!!! We have this thing called internet. Via internet, an organization would quickly arise that would issue pirate call letters. QRPers build their own equipment. They can take a 40M transceiver and in ONE evening, have the thing working at 6.5 MHz or in the 8 MHz Maritime Band. Via internet, you could easily orchestrate what pirate frequency we'd meet on this week, using our own anonymous pirate call letters. QSL's would be handled by an anonymous bureau, or just QSLed via email. Soon kits would appear for these bogus CW bands. And with the current state of affairs with the FCC, such infraction of the HF spectrum would scarcely be enforceable. There's also a thing called CB. A \$69 cheapo CB could be converted for CW overnight. For those who don't know it, there are unused frequencies between certain channels used for radio-controlled devices, which could just as easily be used for pirate CW. Then there's the spectrum below the broadcast band (<550 KHz) and of course the experimenter "low-fer" band. Duck

soup to make a 50W transmitter down there (even though currently limited to 1W).

MORAL OF THE STORY: Keep messing with this hobby called amateur radio, a right we Americans have along with the REST OF THE WORLD, and all you are going to do is create a huge pirate industry with uncontrolled transmissions all over the spectrum, likely orchestrated via the internet. You will loose total control, and the FCC will blame the ARRL, and there goes your future as well.

And if you think this is far fetched ... consider the REAL WORLD facts about this bogus little LEO invade-2 meter thing a couple of years back. The FCC (and probably the ARRL) knew that with a half a million hams who invested at least \$300 on a 2M handheld radio ... THERE IS NO WAY YOU'RE GONNA KEEP THAT MANY RADIO OWNERS FROM USING THOSE RADIOS if you outlawed their use. Impossible. The repeaters would shut down, pirate ones would appear, and the ham 2M activity would scacely be reduced. The FCC knew that, and industry knew that, and that is exactly why there was never a serious threat to 2M. It died on the vine because they knew hams wouldn't throw their radios away. It had nothing to do with ARRL intervention!

MORAL OF THE STORY: same as above. The FCC does not have the resources to enforce the HF spectrum, nor the ARRL (not an ARRL slam -- this ain't their job). So mess with the ham bands, the licensing structure, the spectrum available for CW (or SSB, or digital, etc.), and you'll create an unmanageable pirate hobby.

72, Paul NA5N
Soon to be "NM5QRP"

Date: Wed, 22 Jul 1998 23:46:42 -0700
From: George Zafiropoulos <georgez@quickturn.com>
To: qrp-1@Lehigh.EDU
Subject: [15839] Proposal for 2m FM "trail" and QRP frequency
Message-ID: <3.0.5.32.19980722234642.00807210@mailhost.quickturn.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I responded to the ARS Sojourner editorial regarding the establishing of a 2m FM frequency for use in the backcountry on the trails and perhaps as a standard "intercom" frequency taht could be used by the QRP community in general. Since I have not gotten any reply or acknowledgement from the ARS

and I did put in at least 30 or 40 milliseconds of thought on the topic, I thought I would inflict... uh share it with my fellow QRP ops. Here goes...

I think the protocol should include a few key points...

- 1 - a 2M FM frequency
- 2 - a PL frequency for mountain top remote receivers
- 3 - a schedule for listening

So here goes a specific suggestion...

- 1 - a frequency... well actually two...

=====

To be supportive of the existing ARRL Wilderness Protocol, while in the back country we should monitor 146.52. HOWEVER, a secondary frequency is also necessary.

Why do we need a second frequency?

A. In populated areas like California where many trails are fairly high altitude, you can hear lots of ground level traffic on 146.52 making it annoying to listen for our fellow trail bound hams. I was just hiking in Sequoia and I could not lose the ground level traffic in Fresno.

B. The trail frequency could/should be promoted as an intercomm channel for QRP and portable operators in general even while not on the trail. For example at the local ham swap meet or for local chit chat in town. It can provide for a gathering place for those interested in QRP and portable operation and maybe hilltop QRP coordination.

C. Repeater systems (especially 6m/222/440/1200 MHz systems) with back country coverage can have a 2m crossband "downlink" radio listening to the trail channel without being overloaded with several 146.52 conversations. A good quality 2m Motorola or GE commercial radio can be crystalized up for less than \$50 and can be easily connected to most repeater systems with minimum control circuitry to turn the remote 2m radio on in rx only, on in transceive, or off.

D. As to a specific frequency... the frequency selected should avoid all sub-bands used for repeaters, data, satellites, SSB and other non-simplex operations to avoid interference. While a "standard" simplex frequency could be used perhaps it would be better to use a "splinter" frequency between two standard simplex frequencies because standard simplex frequencies are more likely already in use in populated areas for other purposes.

Standard simplex frequencies

146.43 ok

146.46 Bad choice. Remote base intercomm frequency

146.49 ok
146.52 Calling frequency. Need second trail frequency.
146.55 ok
146.58 Bad choice because it is used for DX packet clusters
147.42 ok
147.45 ok
147.48 ok
147.51 ok
147.54 ok
147.57 ok

"Splinter" frequencies that may be good candidates for the trail frequency...

146.445 ok
146.475 Maybe ok but used in San Jose for ARES nets.
146.505 ok
146.535 ok
146.565 ok
146.595 ok
147.435 May not be good in So. Cal. because it used to be used for a odd
repeater in LA and maybe still is.
147.465 ok
147.495 ok
147.525 ok
147.555 ok
147.585 ok

Clearly lots to choose from. I would suggest using one of the splinter channels. They are relatively low activity channels and there is a good 15 Khz seperation on either side to the next active channel.

Perhaps we should just pick one like... oh say... 147.525
No special reason except it's easy to remember because it sounds like 146.52, except with an extra '5' and it reminds me of 52.525 simplex on 6m.
Anyway we should float this by the ARS/QRP-L crowd to see if that works for anyone. It makes sense to make sure there is no known high level traffic already on that channel like a packet node or whatever.

2 - a PL frequency for mountain top remote recievers

=====

If a repeater is monitoring the trail frequency, it would be helpful to have the 2m rx decode a specific PL (CTCSS) frequency to keep unwanted, non-trail traffic from keying up the repeater.
I would suggest a PL frequency of 100.0.

3 - a schedule for listening

=====

The ARRL standard protocol makes sense. One should monitor the channel on the hour for 5 minutes for calls. This is a key concept because it allows better coordination thus a higher likelihood of finding someone on the air and also allows the portable radio to conserve battery power by only being on for short periods.

Well, as you can see, I had waaaaayyy too much time on my hands on a recent airplane trip and the batteries in the laptop were still juiced up. Anyway, no matter what, I think it would be a great idea to rally around a common 2m frequency.

Let us know what you think.

'72 & '73

de George KJ6VU

Date: Thu, 23 Jul 1998 00:00:53 -0700

From: Norm Melick <henmel@postoffice.worldnet.att.net>

To: QRP-L <qrp-l@Lehigh.EDU>

Subject: [15840] 38 Special Low Power

Message-ID: <35B6DFA5.CCF98BB6@postoffice.worldnet.att.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Well, I probably shouldn't admit this.

I built another 38 special over the weekend. It put out 400mw. I installed Mike Gipe's 5w mod. Hit the key, and I still get 400mw output. So I guess I'm doing something wrong, but I'll be darned if I can figure it out.

Tonight, a member of the local ham club cornered me, gave me his 38 special and asked me to fix his problem, low (400mw) power output. He has the 5w mod also. I said, "you're kidding me, right, cause I REALLY don't need this".

Anyway, WE'd like some help. Please.

72/Norm

KQ6SD

Date: Thu, 23 Jul 1998 03:31:32 -0400
From: "Duane" <duane@flinet.com>
To: "qrp-l group" <QRP-L@Lehigh.EDU>
Subject: [15841] Arrl
Message-ID: <004501bdb60b\$eaa63ae0\$21180ed0@flinet.com.flinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

As a past member of the ARRL I don't ever remember them asking me to vote on anything. I do remember them making their proposals, but how that became a majority opinion I don't know. There has been several things done by the ARRL I do not agree with and sometimes wonder who they're looking out for us or them. This message may not make many people very happy and others will agree with me. This is just my thoughts after reading a post saying the ARRL reflects the opinions of the majority of hams, that is not quite so true. I have doubts if it even represents the majority of its own members let alone all ham operators. It does not matter if you think non members of the ARRL are not hams either because we all met the requirements of the rules and regs. Maybe it is time for an opposing group of hams to form a new group to convey our thoughts then maybe the two forces could get together and iron out the matters to better represent the ham operators as a whole. Two heads better than one. Oh well that's my thoughts please no flame mail, because I have a delete key and it works very well and I don't read flame mail any ways.
duane AB4BE

Date: Thu, 23 Jul 1998 05:54:34 EDT
From: K4NK@aol.com
To: qrp-l@Lehigh.EDU
Subject: [15842] tixie help
Message-ID: <7207b83a.35b7085b@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hello Gang;

When I was at Dayton I saw a tixie where the main out put inductor (L3) was changed from a molded one to a torroid. I wonder if some one can help me as to what torroid and how many turns. It runs on 3.686. Also how about any other mods ? (i'm learning). Thanks

Les K4NK

Date: Thu, 23 Jul 1998 07:45:33 -0300
From: Dave Marling <dbm@klis.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [15843] Z-match tuner
Message-ID: <35B7144D.16112272@klis.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Do any of you Canadians have a spare T-200-6 or T-157-6 core kicking around? I would like to build W6JJZ's Z-Match but find that I don't have any of these cores in my parts bin.

Please e-mail direct if you have one so we can discuss the financial details.

73,
Dave
VE1VQ

--
Understand the problem before you attempt the solution.

Date: Thu, 23 Jul 1998 07:15:20 -0500 (CDT)
From: ac5ez@webtv.net (Larry B)
To: qrp-1@Lehigh.EDU
Subject: [15844] Zombie Badge
Message-ID: <15664-35B72958-3623@mailtod-122.bryant.webtv.net>
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

Just got the Zombie badge in the mail and all I can say is "WOW" . I shall wear it proudly to next months Qcwa luncheon.

Larry Ac5ez

Date: Thu, 23 Jul 98 07:36:36 CDT

From: QLF%mimi@magic.itg.ti.com
To: QRP-L@Lehigh.EDU
Subject: [15845] FLIGHT OF THE BUMBLEBEES
Message-ID: <9807231236.AA13812@itg.ti.com>

From: Brad Bradfield QLF

Subj: FLIGHT OF THE BUMBLEBEES

-***** ORIGINAL MSG # 01668102 FOLLOWS *****-

To: MSG to Internet M2I

From: Brad Bradfield QLF

Subj: qrp-l@lehigh.edu

Good morning QRP'er Dudes and Dudettes - -

Don't forget the Flight of the Bumblebees this coming Sunday from
1700 - 2100Z. Listen for WB0CGH/BB operating again from Willow Grove Park
on Lewisville Lake, North of Dallas, TX. Mostly 20 Meters.

Now for today's weather more of the same. Yesterday was the 17th
straight day over 100 degrees for the Dallas area. Today, tomorrow, and
Saturday are forecast for more of the same. Sunday MIGHT fall all the way
to ONLY 99, but don't hold your breath. So to put it bluntly, Sunday'll
be hot as all get out too.

72's es 73's,

Brad, WB0CGH

qlf@msg.ti.com

Date: Thu, 23 Jul 98 07:48:14 CDT
From: QLF%mimi@magic.itg.ti.com
To: qrp-l@Lehigh.EDU
Subject: [15846] SOLAR PANELS
Message-ID: <9807231248.AA14962@itg.ti.com>

From: Brad Bradfield QLF

Subj: SOLAR PANELS

Good morning QRP'ers and QRP'ettes - -

I wanted to mention my less than happy experience with one particular solar panel and supplier.

Back in June I ordered a 15 Watt panel from Jade Mountain in Boulder, CO. This was Jade Mountains Model PV3107, and was made by ICP Global Technologies in Canada. When I received the panel, I was rather surprised to see that it was assembled using a plastic frame instead of the aluminum that most of us have seen. This plastic frame allowed a lot of twist and flex of the whole assembly. Before I had a chance to use the panel, it sustained a minor bump, which broke the glass and severed the panel's internal connections, rendering it useless. Putting it bluntly, this panel is poorly designed.

E-mail to ICP indicated that their warranty only covered the "output" of the panel, not breakage. Jade Mountain said they would get back to me, but after two weeks, I've heard nothing further, so assume they're not interested in the design quality of the product that they sell either.

I would highly recommend staying away from this particular panel, or it's 5 Watt little brother, and if this is an indication of Jade Mountain's customer service, I might even recommend staying away from them. I don't know about anyone else's experience with Jade Mountain, but mine hasn't been good.

72's es 73's,

Brad, WBOCGH

qlf@msg.ti.com

Date: Thu, 23 Jul 1998 06:09:23 -0700
From: Jack Parker <Pparker@greatbasin.net>
To: QRP-L@Lehigh.EDU
Cc: duane@flinet.com
Subject: [15847] Re: Arrl
Message-ID: <3.0.1.32.19980723060923.0068f6d0@mail.greatbasin.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 03:31 AM 7/23/98 -0400, you wrote:

<snip>

>As a past member of the ARRL I don't ever remember them asking me to vote on
>anything.

I doubt that any organization can poll every member for opinions...when is the last time you Senator or Governor called to get your views before offering a proposal? They may poll a cross-section of constituents and, if you're lucky, you may be one of the chosen few. In fact, the ARRL has run polls in QST and their response has been typical of any poll...10-percent *tops*, and most polls get response rates of a few percent.

<snip>

>Maybe it is time for an opposing group of hams to form a new
>group to convey our thoughts

That was done at least once, in the mid 1970's, I think. Wayne Green, W2NSD, then publisher of CQ magazine, tried to form the Institute of Amateur Radio (IoAR)...needless to say, the result was not fruitful. I don't know why the IoAR never got off the ground, but I suspect that it's the same reason that polls and surveys send out a thousand forms to get 50 returns!

Not all ARRL members may like what the League does but I, for one, do try to participate (I was a member of the League's Ad Hoc Committee on VHF/UHF Contesting in the early 1980's) and I *certainly* make my opinions known to the League and my ARRL representatives! And it's easier than ever with e-mail!

If you don't join you can't participate and if you don't participate you're like those who receive that poll or survey and toss it in the circular file. At that point you've given up your right to complain about the results of your non-participation!

73,

Jack, W7PW

Date: Thu, 23 Jul 1998 09:14:56 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [15848] Re: Arrl
Message-ID: <001c01bdb63b\$e4584e00\$101005d1@frsswilap04284.callnetcanada.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Duane and Group,

From: Duane <duane@flinet.com>

>Maybe it is time for an opposing group of hams to form a new
>group to convey our thoughts then maybe the two forces could get together

While forming another amateur radio society is a good idea in principle, it doesn't work in the long run. We had this experience in Canada with CRRL and CARF, the only concrete result was the division of the pool of hams willing to join each society in half.

The other problem is that IARU only recognizes one society per country and no governmental department (FCC, Industry Canada) likes to deal with multiple groups. They hardly pay attention to us when we speak with a single voice, imagine giving them the excuse we are divided.

73/72 de Vince, VE3VFN.

Date: Thu, 23 Jul 1998 09:30:01 -0400
From: Paul Helbert <phelbert@rica.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [15849] Elmer 101: Op-amp ? & group buy?
Message-ID: <35B73AD9.2A4083BE@rica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue,

Dave mentions substitution of a LMC662 dual op-amp for the NE5523 at U4 to save >5 milliamps current on receiver. This suggestion comes from the Lee and Monticelli article "Revisiting the 40-40" in QRP Power.

Does this work as a drop-in substitution or are there other changes needed for it to work. What are the trade-offs in making this substitution?

I have no idea how many of us there might be interested in making the substitution. Digi-Key has a \$5.00 service charge for orders under \$25.00, so if there is interest, I'd be interested in a group buy presuming the substitution has no glaring down side problems. Let me

know by direct e-mail if interested. I'll work out a price based on the response.

72,

Paul, Wv3j

Date: Thu, 23 Jul 1998 09:05:42 -0400
From: "G. M. TOLLIVER" <HAPENCE@erols.com>
To: pharden@aoc.nrao.edu
Cc: qrp-1@Lehigh.EDU
Subject: [15850] Re: ARRL/FCC: QRP Proposed Changes
Message-ID: <35B73526.6D0@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Paul Harden wrote:

>
> I'm not trying to start a flame war or extended discussion, but I
> do think it's time someone describes the REAL WORLD.
>
> ARRL and FCC ... pay attention!
>
> QRPers, and others who love CW, will operate CW no matter what. We
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>
> Say the ARRL and FCC screw things up so bad, that it becomes virtually
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>
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> an organization would quickly arise that would issue pirate call letters.
> QRPers build their own equipment. They can take a 40M transceiver and
> in ONE evening, have the thing working at 6.5 MHz or in the 8 MHz
> Maritime Band. Via internet, you could easily orchestrate what pirate
> frequency we'd meet on this week, using our own anonymous pirate call
> letters. QSL's would be handled by an anonymous bureau, or just
> QSLed via email. Soon kits would appear for these bogus CW bands. And
> with the current state of affairs with the FCC, such infraction of the
> HF spectrum would scarcely be enforceable. There's also a thing

> called CB. A \$69 cheapo CB could be converted for CW overnight. For
> those who don't know it, there are unused frequencies between certain
> channels used for radio-controlled devices, which could just as easily
> be used for pirate CW. Then there's the spectrum below the broadcast
> band (<550 KHz) and of course the experimenter "low-fer" band. Duck
> soup to make a 50W transmitter down there (even though currently
> limited to 1W).

>

> MORAL OF THE STORY: Keep messing with this hobby called amateur radio,
> a right we Americans have along with the REST OF THE WORLD, and all you
> are going to do is create a huge pirate industry with uncontrolled
> transmissions all over the spectrum, likely orchestrated via the
> internet. You will loose total control, and the FCC will blame the
> ARRL, and there goes your future as well.

>

> And if you think this is far fetched ... consider the REAL WORLD
> facts about this bogus little LEO invade-2 meter thing a couple of
> years back. The FCC (and probably the ARRL) knew that with a half a
> million hams who invested at least \$300 on a 2M handheld radio ...
> THERE IS NO WAY YOU'RE GONNA KEEP THAT MANY RADIO OWNERS FROM USING
> THOSE RADIOS if you outlawed their use. Impossible. The repeaters
> would shut down, pirate ones would appear, and the ham 2M activity
> would scacely be reduced. The FCC knew that, and industry knew that,
> and that is exactly why there was never a serious threat to 2M. It
> died on the vine because they knew hams wouldn't throw their radios
> away. It had nothing to do with ARRL intervention!

>

> MORAL OF THE STORY: same as above. The FCC does not have the resources
> to enforce the HF spectrum, nor the ARRL (not an ARRL slam -- this
> ain't their job). So mess with the ham bands, the licensing structure,
> the spectrum available for CW (or SSB, or digital, etc.), and you'll
> create an unmanageable pirate hobby.

>

> 72, Paul NA5N

> Soon to be "NM5QRP"

This is appears to be the ravings of a lunatic, or the very least, an
infantile reaction to frustration.

Hopefully, HAMs will follow a more rational and lawful path when the
exact nature of the FCC proposal is known.

Grover KQ4AL

Date: Thu, 23 Jul 1998 13:39:10 GMT

From: mwattcpa@earthlink.net (Marty Watt)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [15851] Re: Arrl
Message-ID: <35b73953.30099898@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

On Thu, 23 Jul 1998 03:31:32 -0400, "Duane" <duane@flinet.com> wrote:

>As a past member of the ARRL I don't ever remember them asking me to =
vote on
>anything.

You never got to vote for your division director or section manager? =
That's
curious.

> I do remember them making their proposals, but how that became a
>majority opinion I don't know. There has been several things done by the
>ARRL I do not agree with and sometimes wonder who their looking out for =
us
>or them. This message may not make many people very happy and others =
will
>agree with me. This is just my thoughts after reading a post saying the
>ARRL reflects the opinions of the majority of hams, that is not quite so
>>true.

Majority of membership, not hams. Hams total 550,000. Membership is =
around
180,000.

> I have doubts if it evens represents the majority of its own members
>let alone all ham operators. It does not matter if you think non members=
of
>the ARRL are not hams either because we all met the requirements of the
>rules and regs. Maybe it is time for an opposing group of hams to form a=
new
>group to convey our thoughts then maybe the two forces could get =
together
>and iron out the matters to better represent the ham operators as a =
whole.
>two heads better than one. oh well thats my thoughts please no flame =
mail,
>because I have a delete key and it works very well and I don't read =
flame
>mail any ways.

Better yet, perhaps you should re-join the ARRL. When you have four consecutive years of membership, you can run for division director and be a member of the Board of Directors yourself. Your campaign can be based on representing the views of your constituents on every issue.

I suspect you'd do well!

If you don't want to run yourself, contact your division director, Frank Butler W4RH in Ft. Walton Beach, or, if you prefer, your division vice-director Evelyn Gauzens, W4WYR, in Miami. Or your section manager, = Rip Van Winkle AA4HT in Lakeland. =20

REMEMBER! This new thing is just a proposal. Discussions here make it = sound like a done deal. It isn't. Proposal hasn't gone to the FCC yet. = Comment!
An e-mail to the directors or vice-directors at <callsign>@arrl.org will = be the ticket.

Date: Thu, 23 Jul 1998 07:44:47 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: "G. M. TOLLIVER" <HAPENCE@erols.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [15852] Re: ARRL/FCC: QRP Proposed Changes
Message-ID: <Pine.LNX.3.96.980723074357.15197C-1000000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 23 Jul 1998, G. M. TOLLIVER wrote:

> This is appears to be the ravings of a lunatic, or the very least, an
> infantile reaction to frustration.
> Hopefully, HAMS will follow a more rational and lawful path when the
> exact nature of the FCC proposal is known.

NA5N's response was assuming a worst-case scenario -- that of the complete elimination of all ham bands.

=====
KC5TJA/6 |
DM13 |

-| TEAM DOLPHIN |-
Samuel A. Falvo II

QRP-L #1447 |

<http://www.dolphin.openprojects.net>

Date: Thu, 23 Jul 1998 10:58:12 -0400
From: "Jim Hogarth" <jhogarth@nni.com>
To: <qrp-l@Lehigh.EDU>
Message-ID: <003c01bdb64a\$50ddf300\$310b6bd1@hogartjm-home1>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="-----=_NextPart_000_0039_01BDB628.C90A89A0"

This is a multi-part message in MIME format.

-----=_NextPart_000_0039_01BDB628.C90A89A0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

SET QRP-L MAIL ACK

-----=_NextPart_000_0039_01BDB628.C90A89A0
Content-Type: text/html;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

<!DOCTYPE HTML PUBLIC "-//W3C//DTD W3 HTML//EN">
<HTML>
<HEAD>

<META content=3Dtext/html; charset=3Diso-8859-1 =
http-equiv=3DContent-Type>
<META content=3D'"MSHTML 4.72.2106.6"' name=3DGENERATOR>
</HEAD>
<BODY bgColor=3D#00ffff>
<DIV>SET QRP-L MAIL ACK
</DIV></BODY></HTML>

-----=_NextPart_000_0039_01BDB628.C90A89A0--

Date: Thu, 23 Jul 1998 11:15:36 -0400
From: Ken Newman <n2cq@citnet.com>

To: njqrp@njqrp.org, QRP-L@Lehigh.EDU, epaqrp-l@Lehigh.EDU
Subject: [15854] WQ2RP/B Beacon Announcement
Message-ID: <1.5.4.16.19980723151333.27675e6c@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The NJ QRP Club meeting is scheduled for Saturday, July 25, at 0900 EDT. During the meeting, a beacon is planned to be on the air at the site. The beacon will run on 7050 +/- at 3 Watts with a End-Fed-Half-Wave-Antenna and a Rainbow Bridge/Tuner. The messages will be at 10, 20, 30 and 40 WPM with a special code word at each speed. Those who copy the WQ2RP/B beacon and reply to this announcement (with the code word(s)) will be sent a special QSL for the event.

For more information on the meeting, see: <http://www.njqrp.org>

72/73,
Ken Newman, N2CQ
Woodbury, NJ
N2CQ@Citnet.com

Date: Thu, 23 Jul 1998 10:20:21 -0500
From: Lee Bahr <w5drc@ix.netcom.com>
To: qrp-l@Lehigh.EDU
Subject: [15855] You just don't get it!
Message-ID: <35B754B5.170DAD88@ix.netcom.com>
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="-----B1CF5E5A97814FC1660D7A50"

This is a multi-part message in MIME format.
-----B1CF5E5A97814FC1660D7A50
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

NOW HEAR THIS !!

-----B1CF5E5A97814FC1660D7A50
Content-Type: message/rfc822
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Return-Path: <bahr521@earthlink.com>
Received: from goose.prod.itd.earthlink.net (goose.prod.itd.earthlink.net

[207.217.120.18])
by ixmail7.ix.netcom.com (8.8.7-s-4/8.8.7/(NETCOM v1.01)) with ESMTP id
IAA20701;
for <w5drc@ix.netcom.com>; Thu, 23 Jul 1998 08:12:27 -0700 (PDT)
Received: from earthlink.com (1Cust105.tnt1.hou3.da.uu.net [153.36.187.105])
by goose.prod.itd.earthlink.net (8.8.7/8.8.5) with ESMTP id IAA26085
for <w5drc@ix.netcom.com>; Thu, 23 Jul 1998 08:12:10 -0700 (PDT)
Message-ID: <35B7534E.D2A18AF3@earthlink.com>
Date: Thu, 23 Jul 1998 10:14:22 -0500
From: Lee Bahr <bahr521@earthlink.net>
X-Mailer: Mozilla 4.03 [en] (Win95; U)
MIME-Version: 1.0
To: w5drc@ix.netcom.com
Subject: You just don't get it!
Content-Type: multipart/mixed; boundary="-----018AE5FC2958424C9F184CFC"

This is a multi-part message in MIME format.
-----018AE5FC2958424C9F184CFC
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Repost

-----018AE5FC2958424C9F184CFC
Content-Type: message/rfc822
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Message-ID: <35B74E35.85720D78@earthlink.com>
Date: Thu, 23 Jul 1998 09:52:37 -0500
From: Lee Bahr <bahr521@earthlink.com>
X-Mailer: Mozilla 4.03 [en] (Win95; U)
MIME-Version: 1.0
To: ke3rx@erols.com
CC: tentec@contesting.com
Subject: Re: [Fwd: Re: [TenTec] ARRL proposal]
References: <35B6ECF3.2EFF@erols.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Non of you guys get it, do you? Don't you understand? Forget getting your kids interested in science, or striving for something worthwhile. You need to get with it and get in step with modern America. What you really need to be doing is getting the YOUT of America interested in Midnight Basketball! (Do you really think the FCC or the ARRL cares about anything you have to say on this subject?) Now get off of here and get back to Jerry Springer's TV Show. You have wasted enough time on this reflector. (By the way, howes a come the US Supreme Court has not banned teaching Latin in our kolleges and Une Versities?

Thought this language was dead! We ought to be learnin em something useful like sensitivity trainen or role reversal trainen or something!) Let's really simplify the FCC rules. I propose you sign an affidavit for the FCC swearing you know GOOD STUFF and you take out a five year paying subscription to the ARRL. Once you do this, you can get on the air immediately. You will use, for a call sign, the last letter of your name followed by your birthday in numbers followed by your zip code. Then, once a month you send the EPA a written note swearing you are not making anybody GLOW IN THE DARK in your neighborhood. If this is too tough for you, if physically impaired, or you think you are physically impaired, just get a note from your Doctor and we will take this burden away from you. What could be simpler or fairer than this? Lee/w0vt

tom wrote:

```
> Subject:
>
> Message-ID: <35B6EC15.17F5@erols.com>
> Date: Thu, 23 Jul 1998 03:53:57 -0400
> From: tom <ke3rx@erols.com>
> Reply-To: ke3rx@erols.com
> X-Mailer: Mozilla 3.04 (Win95; U)
> MIME-Version: 1.0
> To: "Simmons, Reid W" <reid.w.simmons@intel.com>
> Subject: Re: [TenTec] ARRL proposal
> References: <199807221857.SAA29495@calliope1.fm.intel.com>
> Content-Type: text/plain; charset=iso-2022-jp
> Content-Transfer-Encoding: 7bit
>
> Simmons, Reid W wrote:
> >
> > Yeah, and from all the way out here in Oregon I could see the smoke
> > rising from their computer when it received the first of my many to come
> > replies.
> >
> > I guess this would mean Ten Tec will no longer have to include keyers in
> > their rigs because soon no one will be able to send or receive fast
> > enough to need one!!! Gee, I think I could send and receive 12 WPM the
> > day I was born!
> >
> > Reid, K7YX
> > A true Extra, not an "easy Extra (Class A)"
> >
> > ----- Reply Separator
> > -----
> > Subject: [TenTec] ARRL proposal
> > Author: "Jim and Kate Belt" [SMTP:jkbelt@spiritone.com] at MSXGATE
> > Date: 7/22/98 11:00 AM
> >
```

> > Hi All:

> > While this is only marginally related to Ten Tec products it is of MAJOR

> > significance to amateur radio. Please go to the ARRL Website and read the

> > outrageous proposal that they are making to the FCC. There is a place for

> > comments. I stopped writing mine when the keys on my computer keyboard got

> > too hot to touch.

> > 73,

> > Jim K7JIH

> >

> > --

> > FAQ on WWW: <http://www.contesting.com/tentecfaq.htm>

> > Submissions: tentec@contesting.com

> > Administrative requests: tentec-REQUEST@contesting.com

> > Problems: owner-tentec@contesting.com

> > Search: <http://www.contesting.com/km9p/search.htm>

> >

> > --

> > FAQ on WWW: <http://www.contesting.com/tentecfaq.htm>

> > Submissions: tentec@contesting.com

> > Administrative requests: tentec-REQUEST@contesting.com

> > Problems: owner-tentec@contesting.com

> > Search: <http://www.contesting.com/km9p/search.htm>

> tentec will survive the new proposals,i think they are long

> overdue!!!!!!i passed my 13 wpm honestly,and haven't used it since!!!

> all that means is differant stroke's!! i bought my omni 6+ strictly for

> sideband use....i view cw as a novelty only with only marginal emergency

> use in this day and age.to start spouting the demise of ten tec...not to

> mention amateur radio,because of modifications to the exams,(cw)is

> ludicrous!!because one chooses NOT to use cw does not make him or her

> any less an amateur operator!

>

> it's about time that the amateur community got their act together,and

> stop all the bitchin' about cw requirements.radio is radio...lets enjoy

> it for what it is!!i know an individual who passed his 20wpm and got his

> extra,only to go back to 11mtrs.because of the bickering on hf!!!

> live and let live....we will survive.....with u,or without u....!!!

> tom.sweeney.ke3rx@erols.com

>

> --

> FAQ on WWW: <http://www.contesting.com/tentecfaq.htm>

> Submissions: tentec@contesting.com

> Administrative requests: tentec-REQUEST@contesting.com

> Problems: owner-tentec@contesting.com

> Search: <http://www.contesting.com/km9p/search.htm>

-----018AE5FC2958424C9F184CFC--

-----B1CF5E5A97814FC1660D7A50--

Date: Thu, 23 Jul 1998 11:20:11 EDT
From: w2bj@juno.com
To: ac5ez@WEBTV.NET
Cc: qrp-1@Lehigh.EDU
Subject: [15856] Re: Zombie Badge
Message-ID: <19980723.095831.12367.0.w2bj@juno.com>

Hi Larry,
Where and how do you get the Zombie badges?
72,
Barry, W2BJ
On Thu, 23 Jul 1998 07:15:20 -0500 (CDT) ac5ez@webtv.net (Larry B)
writes:
>Just got the Zombie badge in the mail and all I can say is "WOW" . I
>shall wear it proudly to next months Qcwa luncheon.
>
>Larry Ac5ez
>
>
>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 23 Jul 1998 09:20:14 -0600
From: Brad Mugleston <bmug@gwl.com>
To: "'qrp-1'" <qrp-1@Lehigh.EDU>
Subject: [15857] Elmer 200+
Message-ID: <01BDB61B.1C7BF5A0.bmug@gwl.com>

OK, I know I've been busy but how did you guys start a new Elmer series without telling me? I was catching up on some old digests and read all about the Elmer 200 series (and the 300 to 1000 series). I'm game. When

does/did it start and what do I need to be able to attend the class?

I'm not auditing this class it's for credit so I need the whole story. Is there going to be a web page(s).

thanks

de KB0ROL, Brad

Date: Thu, 23 Jul 1998 11:50:24 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: <qrp-l@Lehigh.EDU>
Subject: [15858] Merrill Lynch and the K2.
Message-ID: <003a01bdb651\$a3a9eab0\$101005d1@frsswilap04284.callnetcanada.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

"RESEARCH ALERT - K2 raised to accumulate."

"NEW YORK, July 23 (Reuters) - Merrill Lynch said Thursday it raised its rating on the stock of K2 Inc. to a near-term accumulate from a hold. "

Ok guys, lets accumulate some money to purchase a K2 kit. I knew Wayne and Eric would get the attention of the big boys. :))

73/72 de Vince, VE3VFN.

P.S. You know this is not the same K2, don't you?

Date: Thu, 23 Jul 1998 08:53:30 -0800
From: "Russ Carpenter" <russ@natworld.com>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Subject: [15859] Rules for The Flight of the Bumblebees

Message-ID: <199807231543.IAA04817@guppy.pond.net>

Mime-version: 1.0

Content-type: text/plain; charset="US-ASCII"

Content-transfer-encoding: 7bit

This is a four hour event during the last Sunday of July, running from 10:00 PDT/11:00 MDT/12:00 CDT/1:00 EDT to 2:00 PDT/3:00 MDT/4:00 CDT/5:00 EDT.

Thus, the hours of operation accommodate all four time zones. No matter where you live, there is time to for the Bumblebees to travel to their sites, set up their stations, operate the contest, and travel back to their cars.

Both home-based and portable operations are encouraged. Bumblebees agree to walk, bike or boat to their sites. The distance traveled to the site is at the Bumblebee's discretion. Bumblebees add "/BB" to their calls.

Maximum power is five watts. We operate CW on 40, 20, 15 and 10 meters, on the standard QRP frequencies. We want this to be a national contest, so we encourage long-range contacts by giving double points for 20, 15 and 10 meters. 40 meter contacts will receive one point. The same station can be worked on different bands for additional QSO points and multipliers. The exchange is RST, state/province/country, and your first name.

Contacts with Bumblebees generate a 3X multiplier. So your score equals QSO points times (number of Bumblebees times three). Here is an example. If you make 20 contacts on 40 meters and 30 contacts on the higher bands, and make a total of 25 Bumblebee contacts, your score is $(20+60) \times (25 \times 3)$, or 6,000.

Separate but equal prizes are awarded to the home-based and Bumblebee winners.

Participants are strongly encouraged to use our automated contest reporting system, which is found in the ARS Sojourner. Participants may submit paper logs, with a two week deadline. Results are posted during the third week of August in The ARS Sojourner, the QRP-L Internet Group, and by direct email to ARS members. For those who send us SASEs, we mail a paper copy of the results.

If you choose to use a paper log, please include at least the following:

Your full name and callsign;

Your status (Bumblebee, or home-based).

Date of the event;

Total number of completed QSOs with Bumblebees, and

Total number of completed QSOs with all other stations.

You may also want to add soapbox information, such as the equipment used, your operating location, interesting contacts, successes and challenges.

Russ Carpenter, AA7QU, is the Contest Manager. Mail paper logs to him at 47227 Goodpasture Road, Vida, OR 97488. You can reach Russ in the following ways:

By mail, at the foregoing address

By phone, at (541) 896-026

By fax, at (541) 896-031

By email, at russ@natworld.com

Date: Thu, 23 Jul 1998 15:56:18 +0000
From: Ed Loranger <we6w@qsl.net>
To: ARDUJENSKI@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [15860] Simple Antenna Night!
Message-ID: <35B75D22.31FA@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I sure had fun in this one. There was a lot of activity on 7040 just before and after the sprint, but we made it thru.

Station:WE6W, 5Watts out of Drake TR-3, Les Logan #501 Bug set to 18 WPM +/-; simple dipole ant up 30 feet and fed with 300 Ohm line from my QRP balanced tuner output.

I worked [5] stations. Checked out 7141 but only one ragchew qso near there. Nothing heard on 14.060, but the prop was excellent on 20 M. Did hear a long QSO on 14.056 but unrelated to QRP activity.

Can't wait for next Wednesday!!!

-Ed Loranger and his rusty bug :) err, Trusty bug.

LOG:

W6JDB/7 579/589 OR, Vert, 3 Watts Name:Jay
KB7MBI 559/559 WA SLV 5 Watts Name:Alan
KF6PYP 599/559 CA DP 2 Watts Name:Paul (Sloping Dipole)
AB5PC 559/569 CA DP 2 Watts Name:Dave (New SW-40+ rig)
KN6YD 569/589 CA DP 5 Watts Name:Jeff

--

72, =ED, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Thu, 23 Jul 1998 16:07:11 +0000
From: Walt Amos <waltk8cv@ameritech.net>
To: qrp-l@Lehigh.EDU
Subject: [15861] Porposal?
Message-ID: <35B7519F.8C3D346C@ameritech.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yo Irate citizens

Wasn't that thing from ARRL a PROPOSAL from the B.O.D. and not an act of
GOD? Hummmmmmmmm will have to go back and re-read the fine print.
Actually, it sound pretty good to me, but what do I know :)

Walt K8CV

Date: Thu, 23 Jul 1998 12:12:52 -0400
From: "Edward A Kwik jr" <eakwikjr@hti.com>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [15862] z1 special
Message-ID: <35B76104.7D0CBE75@hti.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

What kind of antenna is a ZL Special. I thought I read somewhere that
it is a wire beam with a phasing section. Does it have any F/B ratio?
Is there any web site that describes it?

Ed Kwik KC8JIE qrp-l# 1444 Waterford, MI

Date: Thu, 23 Jul 1998 11:22:43 -0500
From: "Jeff M. Gold" <JGold@tntech.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [15863] SG2020
Message-ID: <003c01bdb656\$1ea340a0\$4d0b9595@Jeffro.cc.tntech.edu>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Just noticed:

THE SG-2020 HF SSB TRANSCEIVER

guess that takes care of all our CW criticisms.

72
Jeff

Date: Thu, 23 Jul 1998 11:30:40
From: Roger Braker <msebrakr@telepath.com>
To: qrp-l@Lehigh.EDU
Subject: [15864] Re: Elmer 200+
Message-ID: <3.0.1.16.19980723113040.3aaf19d2@telepath.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I could use the same information. Thanks.

73,
Arnold kd5ckh

At 09:20 AM 7/23/98 -0600, you wrote:

>OK, I know I've been busy but how did you guys start a new Elmer series
>without telling me? I was catching up on some old digests and read all
>about the Elmer 200 series (and the 300 to 1000 series). I'm game. When
>does/did it start and what do I need to be able to attend the class?
>
>I'm not auditing this class it's for credit so I need the whole story. Is
>there going to be a web page(s).
>

>thanks
>
>de KB0ROL, Brad
>
>
>
>

Date: Thu, 23 Jul 1998 09:31:20 -0700
From: "Robert Andrew Bell" <rbell@uniserve.com>
To: <qrp-1@Lehigh.EDU>
Subject: [15865] Mods for MFJ 90xx?
Message-ID: <003f01bdb657\$5369e220\$e9d5f4cc@satan>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi, can someone point me to where I can find mods for the MFJ 9020. Also is there a list devoted to the MFJ 90xx transceivers, if so then how do I join it, thanks.

73 Rob. VE7IGZ

Date: Thu, 23 Jul 1998 12:33:36 -0400 (EDT)
From: Art Marshall <w1fji@vistech.net>
To: qrp-1@Lehigh.EDU
Cc: cw@qth.net
Subject: [15866] <<MFJ morse tutor>>
Message-ID: <199807231633.MAA28191@44mag.vistech.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Has anyone out there use one of the MFJ Mores Tutors and what do think of them, I am looking for some way to build up my speed while driving or at the office. tks 73 art w1fji

Date: Thu, 23 Jul 1998 09:41:55 -0700
From: Pierre Constantineau <pierre@cmpe.ubc.ca>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [15867] Re: Elmer101: Part 12, Mute and final audio amp
Message-ID: <35B767D3.40D20A87@cmpe.ubc.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Michael Maiorana wrote:

> The antenna should be long enough to pick up a strong signal, maybe 10
> or more feet.

I my case I simply clipped a wire with an aligator clip to the small
wire I tack soldered where we did put the jumper in an earlier part.

With a single aligator wire (12 inches) I could hear someone. (probably local)
With each addition of another aligator wire to the end of antenna, the noise
level jumped. The number of stations I could hear also increased.

Can't wait to put this on a real antenna!

> Cool, It hears!
Yeah Really Cool !

In all earlier parts, I was using a small 9V battery. Got me this far
but with this new part, I had a large motorboating when I plugged the
earphones. Probably the power drain of the amp under such a load caused
the problem. When I plugged into my 12V regulated power supply, everything was
OK! No motorboating. The receiver was hearing... I was listening...
I checked that the VFO was still tuning to the same frequencies: It did.
I assumed that the tuning of the transformers would not change.

If I want to use a power cube that I can plug in the wall. What do I have to
be careful with?

Should I build another little box to take care (and make sure) of the
voltage that is coming to the sw40+. Or simply plug it in.

I have a cube that is rates 12V. I measured it to be 16.8 V without loading
it. I did not take any chances blowing the caps (16V) of the radio. Will the
load take care of the overvoltage or I have to regulate it?

My sw-40+ tunes from 7.0010 to about 7.036. When I tune in the low
part(7.0010-7.0017), I hear a high frequency whine. It is now very loud. simply
a bit over the background noise. What is causing it?

Where does it comes from?

Talking of frequencies... What portion of the band should I aim?

Note that I do not tune the qrp calling freq! (7.040) I remember last night, everything was happening above about 7.020.

I had to put the 47 pF to get it there. I will probably have to change the cap to get a bit higher. I can't recall the frequency my vfo was without the cap. (Its written somewhere..)

I will reverse the tuning pot wires... Right now, it is set in a reverse way (increasing freq. by going counterclockwise).

I will probably do the same for the gain. Louder counterclockwise...

Did Dave reverse things on his drawing coming with his enclosure? Or did I simply reversed the pots? (solder posts up instead of down...)

This sure is fun... Keep it coming... we will be there.

Reply to the list... others are interested...

--

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                                   ( o o )
-----o000--( )--000o-----
Pierre Constantineau  B.Eng          Email: pierre@cmpe.ubc.ca
M. Applied Sciences Candidate        Phone: (604) 822-2913
Flash Smelting Group                Fax:   (604) 822-4750
Centre For Metallurgical            111-2355 East Mall
Process Engineering                 Vancouver, BC, Canada
U. of British Columbia .ooo0        V6T 1Z4
http://noname.cmpe.ubc.ca ( )       0ooo.  Amateur Radio: VE7JPC
-----\ (---( )-----
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Date: Thu, 23 Jul 1998 16:45:31 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [15868] Pacific Trail Adventure
Message-ID: <35B768AB.5B7C@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It seems Gody/AC6UV and I QSO at least once a week.

Gody answered some of my questions about his trip that may be of use to those QRPers wishing to score a QSO as he travels the old Pacific Trail, or Pacific Coast Trail (I am Not a geography/History major here...)

Gody mentioned he'd most likely be back on the trail beginning again the last week in July. He also mentioned having well into OCTOBER until he must complete his journey.

The WX and snow covered hills have slowed him down so he's waiting it out at his home QTH right now.

He did have some problems with his paddle/Keyer and 40Meter rig, but has overcome these. I expect we'll be seeing Gody on 40 Meters at least on Saturday Mornings Pacific Time and possibly in the Evenings too. My log shows Sat. QSO's with him typically before WSN-40 net (Net starts at 9:00 AM Pac. Time) and after 5 PM local as well.

I sure look forward to a qso while he is up in "Them Thar hills".

Just FYI for those interested.

-Ed es "72"

--

72, =ED, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Thu, 23 Jul 1998 16:57:38 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [15869] QRZ Biographies
Message-ID: <35B76B82.57A3@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I went to <http://www.qrz.com> and noticed they no longer have great circle distance info there. You know, enter in your zipcode or callsign and another call to get distance.

I also noticed they added a 'Biography' entry option.
I've updated mine and it was fun. I've enjoyed reading
history on fellow qrp'ers who have posted to this list
and also the Arkansas QRP newsletter (email) that has
been entertaining. So if you feel like it, maybe
update your biography on QRZ?

I just thought it was neat.

72/Ed we6w

--

72, =ED, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Thu, 23 Jul 1998 10:01:11 -0700
From: George Zafiropoulos <georgez@quickturn.com>
To: qrp-l@Lehigh.EDU
Subject: [15870] Website posting of followups to 2m FM "trail" and QRP
frequency
Message-ID: <3.0.5.32.19980723100111.007fb710@mailhost.quickturn.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have two responses so far and I have posted them on my web site. You can
check it out at <http://www.qsl.net/kj6vu>

Thanks es '72 de George KJ6VU

Date: Thu, 23 Jul 1998 11:29:37 -0600
From: "Hulbert, Nick" <nick.hulbert@lmco.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, David Newkirk
<dpnewkirk@home.com>
Subject: [15871] RE: ARRL license proposals
Message-ID: <5104C9F8B0B5D1118C250000F80625379753AF@emss02m13.ems.lmco.com>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"

David Newkirk wrote:, (much deleted)

"and *of course* I think US amateur radio needs to get itself a code-free HF
license -- *not* an *exam*-free HF license, I stress-as soon as possible".

WHY? What do you think that will solve? I was impressed with your background in ham radio and your achievements and family history. But I fail to understand your fervor for a free, code free HF license. Have you listened to 27 Mhz lately? I need more input from you before I can respond to this one!!

Nick KG5N

Date: Thu, 23 Jul 1998 10:35:00 -0700
From: "Jim Johnson" <km7h@gte.net>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [15872] Help on Matchbox (Not quite QRP)
Message-ID: <000101bdb660\$39dc5aa0\$0bffa2399@km7h>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just bought a rather abused 250 watt matchbox. I've got it pretty well cleaned up and it appears to be sound electrically.

I can't read the labels on the back. I think I can see what to do with single wire and twin feed. How do you hook it for coax output.

Another question might entail a look inside. The Link coil on this on has the input tapped in at about halfway on the coil. I don't think this is normal, but probably would be good for maybe 20 - 10. Any help here?

Jim Johnson, KM7H
Mukilteo, WA
QRP ARCI #3497

Date: Thu, 23 Jul 1998 10:27:18 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Paul Harden <pharden@aoc.nrao.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [15873] Re: ARRL/FCC: QRP Proposed Changes

Message-ID: <Pine.SOL.3.96.980723101630.17011A-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Paul and all,

You make a very good and valid point!

Look at CB on 11 meters and what has happened to it. same thing will happen with ham radio if it is ever shut down.

Look at crime rates. The crime capitals are those areas where guns are banned or very restricted. States with carry permits have all (but one, WA) had a reduction in rates!

Just an example of how taking away something always has the wrong results!

So I'm ready..... see u on 3BFaaZ21.7 using FFFF.50inc4b at 1234z. Then hop 7.erWW32 until 9AAdB4.

Heck, if we are gonna do this lowering the standards thing, lets just remove them all and be done with it. Think of how much money Anarchy would save us!

Hey, we could have Nils as our leader..... !

: -)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 23 Jul 1998 13:04:57
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@Lehigh.EDU
Subject: [15874] Pirate CW
Message-ID: <3.0.3.16.19980723130457.2b2f0cd0@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I built my qrp rig to continuously tune from 5 to 22 Mhz, both Rx and Tx, so I'm all set. 8.21753 Mhz ?, no problem, meet you there...

"If CW is outlawed, only outlaws will use CW"

72,

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Thu, 23 Jul 1998 18:15:25 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [15875] Smart Chargers for Trade -> Cheap!
Message-ID: <35B77DBD.56C8@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I just score 14 smart chargers:

Details:

MFG: Engineering Design & Sales
Danville, Virginia, 24541
"Automatic Float Charger"
Model:7089
Primary: 120V, 60Hz, 12W
Sec, 12VDC @ 450 mA "indoor use only"

OK. Nice and long output cord, polarized
and coaxial output connector (Female 3.5 mm
I am guessing on the size,)

Working units discarded because of change
to switchable primary (220/110 etc..) I
was told that they are functional. I will
still try to verify if they work.

DEAL: Send me "Something QRP related" or
an empty box if you don't have anything.
Box MUST be about 6"x6" cube or so to
fit typical wall wart.

I have no owner's manuals....

Would like toroid cores etc. commonly
used in Homebrew rigs. Or other items
you desire to part with.

Ok to send semi-automatic keys :) :)
Autek RF analyzer or SW-40+

Hee haw, wahoo!

Seriously, send me a shipping box
of the necessary size or a bit larger
and a little QRP "prize" inside and
I'll ship you a unit. If you want
you can just send me the expected
shipping charges w/o a box, but I'd
rather not get any money. Just want
to help someone who needs or wants
a nice smart "float" charger.

Only 10 will be shipped by arrangement
via email response. (CONUS ONLY please)

72/ED WE6W

--

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Date: Thu, 23 Jul 1998 15:31:16 -0400
From: "Harry WA3PTG " <hhurst@delaware.infi.net>
To: <qrp-l@Lehigh.EDU>
Subject: [15876] Re: QRP Subject found here!
Message-ID: <199807231935.PAA28329@fh101.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

For a single operator, having more than one keyer, or having to fuss with a
keyer in a separate box, along with power supplies, speaker, tuner, etc..
yes, it does make sense to use plug ins.
Great idea!

> From: Ed Loranger <we6w@qsl.net>

> Remember 'Docking Portable' VCR's?
>
> I was wondering if all of the external components to
> QRP rigs have ever been mounted on a 'Common or Base'
> chassis and the "Bullet-Proof" sealed rig slid onto
> the chassis and into a interconnect strip?
>
> Designed for a 10 turn pot or RPG. (Rotary Pulse
> Generator) or encoded shaft for tuning? 12 or
> 15 Volt Makita battery chamber. Have the Audio
> amp and keyer circuit built into the chassis and
> used for all of the Docking rigs. Maybe build the
> chassis with a gen-coverage RX and have the TX be
> the docking unit? Sure would be neat. With a 5 Watt
> maximum, one could design a tap for the RX to share
> the antenna thereby providing that phenomenal 'QRP QSK'
> we've all grown to love.
>

Date: Thu, 23 Jul 98 14:50:23 CDT
From: QLF%mimi@magic.itg.ti.com
To: qrp-1@Lehigh.EDU, gsurrency@juno.com
Subject: [15877] re: Camouflage painting of antennas
Message-ID: <9807231950.AA28906@itg.ti.com>

From: Brad Bradfield QLF

Subj: re: Camouflage painting of antennas

Sorry from diverging from our appointed QRP topic, but I just had to add my own personal camouflage antenna painting story to Gary's post.

In 1976 I spent several months doing installation work for two brand new TV stations in western South Dakota. (And yes, Wall Drug still exists!) One of our stations was built on top of 6600 foot Terry Peak in the Black Hills. Being on Forest Service land, we had to go through more studies and gobbledygook, and meet more goofy requirements than anyone should have to go through in one lifetime. About a year after the stations went on the air, I was sitting in my bosses (the director of engineering) office, when the phone rang. Only hearing one side of this conversation, I could only guess at what was being said on the other end of the line, but from the look on my bosses face, I could tell that it was all he could do to keep from totally cracking up.

When he got off the line, he told me that this had been the Forest Service

and that the conversation went like this:

Forest Service: We have a new painting requirement for your tower. We want you to paint it green up to the top of the tree line, and blue from there on up so it will blend in better than the red and white.

Engineer: Well, ok. [About to crack up!] Are you going to let the FAA know about this or do you want me to.

Forest Service: Ooohhhh. I guess we didn't think about that. Bye.

This was the end of the conversation. Ain't working with the government fun!!

72's es 73's,

Brad, WB0CGH

qlf@msg.ti.com

Date: Thu, 23 Jul 1998 15:39:08 -0400 (EDT)
From: Richard Brittingham <rbritt@visi.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [15878] QSL Card Elmer
Message-ID: <Pine.GS0.3.96.980723153633.649A-100000@ankara.visi.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I know this is off topic, but would someone know someone who can give me some elmering on ways to successfully get qsl cards from foreign stations. Where do IRC's come from? How do you use a QSL bureau etc? Sorry this is off topic, but I don't know where to go for help.

Thanks and 73

Amateur Radio Operator as WD4AEF for 22 years
Now Vanity Call is W4MCD

Date: Thu, 23 Jul 1998 19:57:04 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [15879] More Chargers!
Message-ID: <35B79590.128A@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Boy these are moving fast! Only 4 or 5 left.

But wait! There's more!

Just visited the scrap lady. I asked her about manuals for these and she said "not available".

Then says she's got some other kind of charger too!
Got 15 of these:

13.8 Volt DC @480 mA. Not smart chargers, but pretty hefty. Bigger too.

Identified as:
ITE Battery Charger, ILCK-13
Jerome Industries, Elizabeth, N.J.

Also got one ILCY-18, 13.8VDC @ 1.5Amps.

Make offers on these if you wish. I'll compile a list and will most likely work some deals next week after I recover from the first deal!

These are much larger than the first units and will require shipping charges and bigger boxes!

We'll work these deals later.
-Ed.

--

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<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Thu, 23 Jul 1998 16:01:58 -0400
From: "Jim Kortge, K8IQY" <jokortge@mci2000.com>
To: David Shalita <af389@lafn.org>
Cc: qrp-l@Lehigh.EDU
Subject: [15880] Re: ADEL Nibbler Tool
Message-ID: <3.0.1.16.19980723160158.343f5c38@mail49.mci2000.com>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

At 10:49 AM 7/23/98 -0700, David Shalita wrote:

>Hi Jim,
Hi Dave.....
>
>I bought and just received an ADEL Nibbler Tool from Brown Aviation Tool.
Good!!
>
>I tried to make some copper clad fiberglass chips for UGLY construction.
>
>Took my .061 thick copper clad PCBoard, and found I can only insert
>part of the board under the cutter blade. The blade is tapered.
>One end of blade has more clearance to the cutter slot than the other end.
>The clearance at the end closest to the slot won't receive the PCBoard.
>So I can only insert part of the PCBoard under the cutter.
>This limits the size of the CHIP that can be created.
Well that isn't working the way mine is. I can get std 1/16 inch
thick copper clad (one sided) into the throat of my ADEL just
fine. I wonder if they have changed the design some, or mine
is just worn from so many years of use.
>
>The chips produced are random in size. Biggest are near .060 by .190.
>Those seem very small to me for doing UGLY CONSTRUCTION,
>but I have ZERO experience since I have only built three
>ckts in last few days. I prefer chips a bit wider and longer. Chips
>in photos of your 2N2222 Transciever seemed much larger.
They are. Mine come out exactly 3/32 wide by 1/4 inch in length,
perfect for building pads. We're gonna have to find you some
slightly thinner PC board material, that will go into the
nibbler ok. I'll put an inquiry out to the QRP-L gang and see
what is out there. I'll poke around my shack and see if I
have any pieces that are a bit thinner ok?

You're gonna love how this thing works once we find the
right material for you. Keep the faith!! :-)

72.....Jim, K8IQY

PS....anybody got any slightly thinner PC board material with

copper on one side that they would be willing to share with Dave?

I'd appreciate it and I'm sure he would too.

Thanks!!

Date: Thu, 23 Jul 1998 16:35:49 -0400
From: "Mark A. Andrews" <KE4IOF@hiwaay.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [15881] Fw: not all newbees are Evil, and you (each of you) were beginners once.
Message-ID: <000001bdb67a\$a4e6dae0\$538dfea9@ke4iof>
MIME-Version: 1.0
Content-Type: text/plain;
charset="utf-8"
Content-Transfer-Encoding: 7bit

The message attached to this email is from a soon-to-be ham. It absolutely amazes me that the very people worried about "lowered standards" are potentially driving away new hams with their inflammatory rhetoric. I only have one question for all you "old-timers": when was the last time you went down to the local High School, found a science teacher and asked if you could demonstrate Amateur Radio to his/her students? If you are all so worried about band allocation, "appliance operators", CB'ers, Class "D" hams and the like, then get off your duff and do something about it! Why don't you get out there and TEACH CW to some of these people. TEACH Ohms Law. Invite one of these new hams over to your shack and let him/her work someone with less than 5 watts out.

The bottom line, if you don't want Amateur Radio to fizzle, quit complaining about the FCC and the ARRL and do something!

(Thanks to Shelley for allowing me to repost this message)

Mark

Mark A. Andrews, KE4IOF - Amateur Radio Operator
and Libertarian

"Whether You Think You Can Or You Can't,
You're Right!"

-----Original Message-----

From: Shelley <shelleys@KALAMAZOO.NET>
To: HEATH@LISTSERV.TEMPE.GOV <HEATH@LISTSERV.TEMPE.GOV>

Date: Thursday, July 23, 1998 12:49 AM

Subject: not all newbees are Evil, and you (each of you) were beginners once.

Hi,

As I sit around reading this list (and waiting for my first callsign to be processed by the FCC) I'm not feeling too great about all of this "no brainer" talk and assumption that all newbies are the root of all Evils on ham bands.

I haven't even gotten out there yet and already I've been made to feel (as a Tech NoCode) as if I am (pre)viewed as an idiot and a criminal.

Thanks, guys. Just remember, you were once new too.

Btw, just because the test may seem simple doesn't necessarily mean all who took it are.

Shelley (a HAM awaiting a callsign)

Date: Thu, 23 Jul 1998 20:54:59 +0000

From: Ed Loranger <we6w@qsl.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [15882] Re: Smart Chargers for Trade -> Cheap!

Message-ID: <35B7A323.4828@qsl.net>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

9 are gone. One left, maybe two.

My callbook address is good from Feb, 1997.

But to be sure, those of you getting
a charger sent to you in the box you
will send me, send the qrp trade to
this address please:

Ed Loranger

2326 Pacheco Place

Santa Rosa, CA 95401-5733

I will return box with 'smart
charger' via USPS 2 or 3 day
depending on funds in my
XYL's purse on that day :)

Remember, those of you who missed out,
I have some other 'non-smart' chargers
I'll trade off in about 3 weeks.
-Ed

Ed Loranger wrote:

>
> I just scored 14 smart chargers:
>
> Details:
> MFG: Engineering Design & Sales
> Danville, Virginia, 24541
> "Automatic Float Charger"
> Model:7089
> Primary: 120V, 60Hz, 12W
> Sec, 12VDC @ 450 mA "indoor use only"
>
> OK. Nice and long output cord, polarized
> and coaxial output connector (Female 3.5 mm
> I am guessing on the size,)
>
> Working units discarded because of change
> to switchable primary (220/110 etc..) I
> was told that they are functional. I will
> still try to verify if they work.
>
> DEAL: Send me "Something QRP related" or
> an empty box if you don't have anything.
> Box MUST be about 6"x6" cube or so to
> fit typical wall wart.
>
> I have no owner's manuals....
>
> Would like toroid cores etc. commonly
> used in Homebrew rigs. Or other items
> you desire to part with.
>
> Ok to send semi-automatic keys :) :)
> Autek RF analyzer or SW-40+
>
> Hee haw, wahoo!
>
> Seriously, send me a shipping box
> of the necessary size or a bit larger
> and a little QRP "prize" inside and
> I'll ship you a unit. If you want
> you can just send me the expected
> shipping charges w/o a box, but I'd

> rather not get any money. Just want
> to help someone who needs or wants
> a nice smart "float" charger.
>
> Only 10 will be shipped by arrangement
> via email response. (CONUS ONLY please)
>
> 72/ED WE6W
>
> --
> 72, =ED, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
> <http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

--

72, =ED, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Thu, 23 Jul 1998 16:02:06 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: <rbritt@visi.net>, "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [15883] RE: QSL Card Elmer
Message-ID: <19980723210210455.AAA246@muenzlerk>

I've been doing this for 23 years now and I still haven't
figured out all these guys!

IRC --

IRC's are the easiest rout for US hams. IRCs can be purchased
at most post offices. Some small town post offices will give
you funny looks and ask you what an IRC is. They go for \$1.05
now. Simply send your QSL in an envelope to your DX station.
Include an addressed envelope with YOUR address on it and one
IRC. Be sure to include the initials U.S.A. at the bottom of
your address. Some people will tell you to send a "green stamp"
in your envelope. Be very careful sending American currency.
It is illegal in some countries and you might get the other ham
in trouble. I can't think of any countries where an IRC won't work.

There are a few companies that specialize in foreign postage.
They will sell you unused stamps for foreign countries. This is
the easiest for the DX guy because all he has to do is put his
QSL in your SASE and mail it. Look in the ads in QST, etc. for
these guys.

QSL Bueros --

The ARRL supports two types of QSL bureaus (call buros). The outgoing bureau is available to ARRL members only. I don't remember the exact charge but it is very reasonable. You package your cards up and send them to the outgoing buro for distribution to the various countries. The incoming buros are available to everyone I believe. All you need to do is keep a supply of stamped envelopes (6x9 preferred) at the buro. When you get cards they are forwarded to you. You can visit the ARRL website for more specific information on costs, addresses, etc. One thing to remember about buros, they are SLOOOOOWWWW! Don't expect to get your DX qsl in a few weeks. I've received cards that were two or three years old!

For the ARRL outgoing details visit <http://www.arrl.org/qsl/qslout.html>
For the ARRL incoming details visit <http://www.arrl.org/qsl/qslin.html>

Hope this helps and isn't 10 times more than you expected to get.

> -----Original Message-----

> From: owner-qrp-1@Lehigh.EDU

> [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of

> Richard Brittingham

> Sent: Thursday, July 23, 1998 2:39 PM

> To: Low Power Amateur Radio Discussion

> Subject: QSL Card Elmer

>

>

> I know this is off topic, but would someone know someone who
> can give me

> some elmering on ways to successfully get qsl cards from
> foreign stations.

> Where do IRC's come from? How do you use a QSL bureau etc?

> Sorry this is

> off topic, but I don't know where to go for help.

>

> Thanks and 73

>

>

> -----

>

> Amateur Radio Operator as WD4AEF for 22 years

> Now Vanity Call is W4MCD

>

>

>
>

Date: Thu, 23 Jul 1998 17:03:50 -0700
From: Bill Crowley <bcrow@carte.net>
To: qrp-l@Lehigh.EDU
Subject: [15884] re: ARRL proposal
Message-ID: <35B7CF66.1EF2@carte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hang on to your beano cards, folks. I think we've got a winner here. Well said by Jack, W7PW. And for all you whiners and flamers, take note: a burro is an ass; a burrow is a hole in the ground. From your remarks, I'd say you don't know one from the other.

72/73 de Bill, K1NIT QRP-L 1242 ARRL member, and proud of it!

Date: Thu, 23 Jul 1998 16:11:31 -0500
From: Dave Sjolín <sjolin@swbell.net>
To: rbritt@visi.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [15885] Re: QSL Card Elmer
Message-ID: <35B7A703.DD7FBC1F@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Richard Brittingham wrote:

>
> I know this is off topic, but would someone know someone who can give me
> some elmering on ways to successfully get qsl cards from foreign stations.
> Where do IRC's come from? How do you use a QSL bureau etc? Sorry this is
> off topic, but I don't know where to go for help.

IRC's should be available at any post office. Sometimes they will be out if you have some other DXers nearby, but generally just ask the clerk.

They are expensive. Havent purchased any lately but I know they are over a buck a piece. Make sure that they are stamped properly when you buy them. If they are not stamped properly they are useless.

You can also buy used IRCs. Many dxpeditions or qsl managers will offer them for sale at prices much lower than the post office. Some IRCs are never turned in and are used over and over. In effect they become currency. You can probably find ads for these if you subscribe to the dx reflector or subscribe to a dx newsletter.

QSL Hints:

1. Enclose a self-addressed envelope and compensation for return postage. For stations out of the US, send Dollar(s) or IRC(s). For qsl managers in the US, provide at least a self-addressed STAMPED envelope. Do NOT send STAMPED envelopes outside of the US, not even to Canada. We cant use Botswana stamps on our mail and they cant use ours either.
2. Do NOT place call signs on envelope. Postal employees in third world countries are not necessarily honest. Many will open the envelope, steal the cash or IRC and then pitch the qsl.
3. If you are sending multiple cards to the same qsl manager for different dx stations worked, at the very least provide a SASE (self-addressed stamped envelope) for each station that you are seeking confirmation. Sending qsls for five different stations to a manager with one return envelope means that you will have to wait until the manager has the logs and cards for all five stations before he can send you any of your cards. Some managers will not accept multiple cards for different stations in one envelope. F6FNU is one. (He also expects something like \$2 a card. He doesnt take IRCs).
4. When sending cards to US managers, mark the station call, date worked on the return envelope. This will help the manager as he will have your card and SASE sitting around for at least a week or so before he gets logs to confirm your contact. If I am asking for more than one card, I will usually include a couple of loose stamps for the manager to help out for those who forget. Not only is this a nice gesture, it may help you if you do something that is not to the liking of the manager (like including only one return envelope for five different stations).
5. Be sure that you have the correct date and time in UTC on your card. Also make sure that all of the info on your card is filled out properly.
6. Subscribe to qsl list or watch the listing in various dx newsletters or in CQ magazine. Send to the address listed. It is often more current than what is in callbook.

7. If using the bureau, make sure that the country you are sending the card to has a bureau. Not all do. Also make sure that the station you are qsling to is a member, again not all are. If he says qsl via buro then you are safe.

I am sure that others out there can offer you some additional suggestions.

Good luck. 73 de Dave, N0IT

Date: Thu, 23 Jul 1998 16:15:10 -0500
From: "Kevin Muenzler WB5RUE" <wb5rue@stic.net>
To: <KE4IOF@HiWAAY.net>
Cc: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [15886] RE: not all newbees are Evil, and you (each of you) were beginners once.
Message-ID: <19980723211514111.AAA269@muenzlerk>

What you say is absolutely right however it was the publishing of the tests that made teaching Ohm's Law, et. al. unnecessary. All one has to do now is memorize the questions and your in like Flynn. I teach CW, theory and regulations. I don't even let my students see a copy of a "sample test" until they can pass one of mine.

I'll agree that many (a great many) old time hams look down on new hams. It happened to me when I got my license 23 years ago. I was "just a novice" to many of them. Then I was "just a new general...." I think much of the trouble today is because of the "relaxing" of the FCCs rules regarding testing. It's the "I had to walk to the FCC testing, twenty-five miles through the snow, up hill, both ways" syndrome that many of us "old time" hams have.

To Shelly -- keep you chin up and don't let them get to you. Contrats on passing your test.

Kevin, WB5RUE
wb5rue@stic.net <http://www.qsl.net/wb5rue>

Mark <ke4iof@hiwaay.net> wrote:

>The message attached to this email is from a soon-to-be ham. It absolutely
>amazes me that the very people worried about "lowered standards" are
>potentially driving away new hams with their inflammatory rhetoric. I only

>have one question for all you "old-timers": when was the last time you went
>down to the local High School, found a science teacher and asked if you
>could demonstrate Amateur Radio to his/her students? If you are all so
>worried about band allocation, "appliance operators", CB'ers, Class "D"
hams
>and the like, then get off your duff and do something about it! Why don't
>you get out there and TEACH CW to some of these people. TEACH Ohms Law.
>Invite one of these new hams over to your shack and let him/her work
someone
>with less than 5 watts out.
>
>The bottom line, if you don't want Amateur Radio to fizzle, quit
complaining
>about the FCC and the ARRL and do something!
>
>(Thanks to Shelley for allowing me to repost this message)
>
>Mark
>-----
>Mark A. Andrews, KE4IOF - Amateur Radio Operator
> and Libertarian
> "Whether You Think You Can Or You Can't,
> You're Right!"
>-----Original Message-----
>From: Shelley <shelleys@KALAMAZOO.NET>
>To: HEATH@LISTSERV.TEMPE.GOV <HEATH@LISTSERV.TEMPE.GOV>
>Date: Thursday, July 23, 1998 12:49 AM
>Subject: not all newbees are Evil, and you (each of you) were beginners
once.
>
>
>Hi,
>As I sit around reading this list (and waiting for my first callsign to be
>processed by the FCC) I'm not feeling too great about all of this "no
>brainer" talk and assumption that all newbies are the root of all Evils on
>ham bands.
>I haven't even gotten out there yet and already I've been made to feel (as
a
>Tech NoCode) as if I am (pre)viewed as an idiot and a criminal.
>Thanks, guys. Just remember, you were once new too.
>Btw, just because the test may seem simple doesn't necessarily mean all who
>took it are.
>
>Shelley (a HAM awaiting a callsign)
>
>

Date: Thu, 23 Jul 1998 17:41:41 -0400
From: "Ed Hare, W1RFI" <ehare@arrl.org>
To: qrp-1@Lehigh.EDU
Subject: [15887] Re: Fw: not all newbees are Evil, and you (each of you) were beginners once.
Message-ID: <35B7AE15.788A@arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Mark A. Andrews wrote:

> The message attached to this email is from a soon-to-be ham.

> <snippage>

> I only have one question for all you "old-timers": when was the last
> time you went down to the local High School, found a science teacher
> and asked if you could demonstrate Amateur Radio to his/her students?
> If you are all so worried about band allocation, "appliance
> operators", CB'ers, Class "D" hams and the like, then get off
> your duff and do something about it! Why don't you get out there
> and TEACH CW to some of these people. TEACH Ohms Law. Invite one
> of these new hams over to your shack and let him/her work someone
> with less than 5 watts out.

> The bottom line, if you don't want Amateur Radio to fizzle, quit
> complaining about the FCC and the ARRL and do something!

Hello, Mark,

A bit strongly worded, but I have a feeling you are going to turn out to be a fine ham indeed.

My congratulations in advance on your ticket; I have no doubt but that you will soon be sporting a new callsign.

73, Ed Hare, W1RFI
ARRL Lab

Date: Thu, 23 Jul 1998 15:48:51 -0600
From: "Hulbert, Nick" <nick.hulbert@lmco.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, Bill Crowley
<bcrow@carte.net>
Subject: [15888] RE: ARRL proposal
Message-ID: <5104C9F8B0B5D1118C250000F806253797543D@emss02m13.ems.lmco.com>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"

Bill,

The discussions regarding the ARRL proposal have been (except for your e-mail) very civil and ripe with opinion and shared thoughts. Your comments are a poor choice for this forum.

Regards,

Nick KG5N

Bill Crowley wrote:

Hang on to your beano cards, folks. I think we've got a winner here. Well said by Jack, W7PW. And for all you whiners and flammers, take note: a burro is an ass; a burrow is a hole in the ground. From your remarks, I'd say you don't know one from the other.
72/73 de Bill, K1NIT QRP-L 1242 ARRL member, and proud of it!

Date: Thu, 23 Jul 1998 17:07:58 +0000
From: "Paulette Quick, WB9VHF" <plquick@facstaff.wisc.edu>
To: qrp-l@Lehigh.EDU
Cc: plquick@facstaff.wisc.edu
Subject: [15889] RE: not all newbees are Evil
Message-ID: <v03007801b1dd199fcd65@[144.92.104.137]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Shelly,

Please stay with the qrp-l list. These folks are among the kindest, compassionate and most intelligent you'll ever meet. After a while you will want to hug them all when you meet them in-person at the Dayton Hamvention. The qrp crowd will be your friends for life.

Yeah, we get kind of ornery at times, but it's minor. The cerebral cortex is adjusting to all those funny photons and neutrons and whatnot shootin' from the sun as the solar cycle gets going. When 10 meters is open nearly 24 hours and metal chairs become antennas, these posts will glow with happiness.

Ham Radio is the world's greatest hobby because of the people you can meet here. So stick around.

Paulette Quick, WB9VHF
and the flock o' five
Madison WI
plquick@facstaff.wisc.edu
(soon to change to wb9vhf@globaldialog.com)

Date: Thu, 23 Jul 1998 22:09:33 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [15890] Re:Smart Chargers.
Message-ID: <35B7B49D.2597@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ok Folks. I've got 11 commitments and 2 or 3 spare units just in case I find one that doesn't work....

The deal is now closed.

For those who are despairing, don't. The "Unknown" type chargers (May or may not be of the 'smart' type) are being well cared for by me. I will offer those out in about 3 weeks. Hopefully I'll get more info. on those by then.

By the way, I announced that the 'Smart

Float Chargers' can supply 450 milliamps,
it is 480 milliamps -- so better than posted.

Those that got in on the deal -- congratulations!
And glad we could work something out. I'm delivering
the first one today in person! Ham down the street.
And a cyclist too!

See y'all!
-Ed

--

72, =ED, WE6W/qrp CW ONLY; Proud Member: QRP-L/ARCI/Norcal/ARS/AR
<http://www.qsl.net/we6w> (Enjoying Ham Radio every day.)

Date: Thu, 23 Jul 1998 15:13:30 -0700
From: Bill Jones <kd7s@psnw.com>
To: qrp-l@Lehigh.EDU
Subject: [15891] I'm tired
Message-ID: <35B7B58A.DB85D23F@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Friends,

Is anybody besides me getting tired of being told what "I" should do to
save ham radio and how it's all "my" fault because I love CW and that
the ARRL can't do anything right and the FCC is out to screw us and that
CBers are really a bunch of good guys and on and on and on? It's
wearing a bit thin, guys.

=====
Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s>
=====

Date: Thu, 23 Jul 1998 18:24:36 -0400
From: Clay N4AOX <wyn@worldnet.att.net>
To: pharden@aoc.nrao.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [15892] Re: ARRL/FCC: QRP Proposed Changes
Message-ID: <35B7B824.41CC@worldnet.att.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks Paul. This is a keeper. It is ironic that the original communication act sought to bring order to chaos and corral the hams, while lately it seems there are forces afoot that would do the opposite.

Paul Harden wrote:

>
> ARRL and FCC ... pay attention!
>

> mess with the ham bands, the licensing structure,
> the spectrum available for CW (or SSB, or digital, etc.), and you'll
> create an unmanageable pirate hobby.
>

Date: Thu, 23 Jul 1998 16:37:21 -0600
From: "Hulbert, Nick" <nick.hulbert@lmco.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, Bill Jones
<kd7s@psnw.com>
Subject: [15893] RE: I'm tired
Message-ID: <5104C9F8B0B5D1118C250000F8062537975450@emss02m13.ems.lmco.com>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"

Friends,

Is anybody besides me getting tired of being told what "I" should do to save ham radio and how it's all "my" fault because I love CW and that the ARRL can't do anything right and the FCC is out to screw us and that CBers are really a bunch of good guys and on and on and on? It's wearing a bit thin, guys.

=====
Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s> <<http://www.psnw.com/~kd7s>>
=====

OK Bill, QSL!!

I'll try to simmer down!!

Nick KG5N

Date: Thu, 23 Jul 1998 15:33:52 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: "Paulette Quick, WB9VHF" <plquick@facstaff.wisc.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [15894] RE: not all newbees are Evil
Message-ID: <Pine.LNX.3.96.980723152521.18813D-100000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 23 Jul 1998, Paulette Quick, WB9VHF wrote:

> Shelly,
>
> Please stay with the qrp-l list. These folks are among the kindest,
> compassionate and most intelligent you'll ever meet. After a while you
> will want to hug them all when you meet them in-person at the Dayton
> Hamvention. The qrp crowd will be your friends for life.

Another thing to keep in mind is that it's all too easy to just start yelling and flaming in e-mail. Yet, when you meet the same person face to face, you'll see that they didn't quite intend their messages to be so harsh or painful. Yes, they may be opinionated, but they will still probably turn out to be the best people you'd ever met. (I find that Bruce Muscolino(sp?) is exactly this way with me. I find his e-mails to me to be VERY harsh sometimes, but after sitting back for a while, and re-reading them, they make a lot of sense. He's NOT a bad person, he just writes e-mail differently than what I'd expect. This brings me to my next point...)

Like reading a magazine, you should read e-mail with a small degree of skepticism. Take into consideration that plain text simply cannot convey all the complicated sub-meanings of language. For instance, I COULD BE *YELLING* AT YOU RIGHT NOW...or I COULD BE *EMPHASIZING* SOMETHING NOW. They both use all-uppercase letters. One is yelling...the other would be the equivalent of speaking in a more heavy tone of voice, or a bit more hand waving (especially if you're Italian, like me!) to emphasize something. As far as the *TEXT* is concerned, that could mean that we're very angry, or it's italicized (again, for double-emphasis).

Writing good e-mail is an art, just like writing a book or magazine article. They all require different techniques and form to convey the appropriate information in the manner intended. Just as informal, face-to-face speaking is different from giving a public speech at a

convention.

```
=====
      KC5TJA/6      |      -| TEAM DOLPHIN |-
      DM13          |      Samuel A. Falvo II
      QRP-L #1447   |      http://www.dolphin.openprojects.net
=====
```

Date: Thu, 23 Jul 1998 16:41:30 -0600
From: "Hulbert, Nick" <nick.hulbert@lmco.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, "Paulette Quick, WB9VHF" <plquick@facstaff.wisc.edu>
Subject: [15895] RE: not all newbees are Evil
Message-ID: <5104C9F8B0B5D1118C250000F8062537975452@emss02m13.ems.lmco.com>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"

Paulette Quick, WB9VHF, wrote,

Shelly,

Please stay with the qrp-l list. These folks are among the kindest, compassionate and most intelligent you'll ever meet. After a while you will want to hug them all when you meet them in-person at the Dayton Hamvention. The qrp crowd will be your friends for life.

Yeah, we get kind of ornery at times, but it's minor. The cerebral cortex is adjusting to all those funny photons and neutrons and whatnot shootin' from the sun as the solar cycle gets going. When 10 meters is open nearly 24 hours and metal chairs become antennas, these posts will glow with happiness.

Ham Radio is the world's greatest hobby because of the people you can meet here. So stick around.

Paulette Quick, WB9VHF

and the flock o' five

Madison WI

plquick@facstaff.wisc.edu <mailto:plquick@facstaff.wisc.edu>

(soon to change to wb9vhf@globaldialog.com <mailto:wb9vhf@globaldialog.com>

)

Thank you Paulette, and yes Shelly, don't leave. What you are seeing here is passion for the hobby. We get carried away and then come back to zero.
Hi Hi

Nick KG5N

Date: Thu, 23 Jul 1998 18:35:52 -0400
From: mikemo@ibm.net
To: qrp <qrp-1@Lehigh.EDU>
Subject: [15896] Please help ID diode
Message-ID: <35B7BAC8.532F@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I found some diodes labled "HP2835".
No info on HP site.
Does anyone have info on these?

Thanks and 72
de ku4qo
Mike Maiorana

Date: Thu, 23 Jul 1998 15:36:28 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: Bill Jones <kd7s@psnw.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [15897] Re: I'm tired
Message-ID: <Pine.LNX.3.96.980723153452.18813E-100000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 23 Jul 1998, Bill Jones wrote:

> Friends,
>
> Is anybody besides me getting tired of being told what "I" should do to
> save ham radio and how it's all "my" fault because I love CW and that
> the ARRL can't do anything right and the FCC is out to screw us and that
> CBers are really a bunch of good guys and on and on and on? It's
> wearing a bit thin, guys.

I agree --- let's move on to a new topic. :) I think we beat this one to
so fine a pulp, that they're using it to make paper now...

But I still would like to see an ARRL vs FCC soccer game though... ;)

```
=====
      KC5TJA/6      |      -| TEAM DOLPHIN |-
      DM13          |      Samuel A. Falvo II
      QRP-L #1447   |      http://www.dolphin.openprojects.net
=====
```

End of QRP-L Digest 1161
